



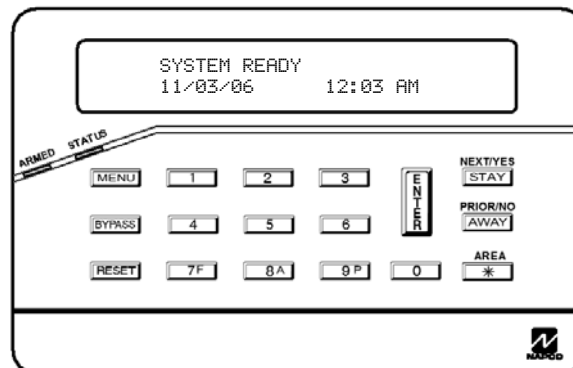
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PROGRAMMING INSTRUCTIONS



FREEDOM F-64 CONTROL PANEL/COMMUNICATOR

Programming the F-64 Control Panel with the F-64PROG Programmer



F-64PROG Programmer

Quick Start using the F-64PROG:

1. Refer to the wiring diagram and connect the **Siren, Aux. Power, PGM Output, Remote Bus, earth ground, Zone and Telephone wiring.**
NOTE: See Installation Instructions (WI1501).

2. Connect AC power first and then the battery.
3. Configure the Touchpad (see page 40).

4. Access the **Easy Menu Driven Program Mode:**

Press

Default Dealer Code

☛ Press NO () until "ACTIVATE PROGRAM Y/N" appears on the programmer display.

☛ Press YES () to Enter Dealer Program Mode. Go to page 5.

**THIS MANUAL INCLUDES FEATURES WHICH ARE ONLY AVAILABLE IN
CONTROL PANEL FIRMWARE VERSION 30 OR LATER.**

IMPORTANT PROGRAMMING INFORMATION

The following System and Keypad Options **must** be programmed for proper panel operation:

- Automatic Interior Bypass/Easy Exit (address 1424, option 1)
- Interior Normally Bypassed (address 1422, option 1)
- Disable Code Required for EZ Bypass (address 1424, option 8)
- Easy Arming (addresses 1440-1446, option 6)

IMPORTANT NOTICE

F-64 panel version 30 requires the use of the following version programmer:

- F-64PROG Version 01

Upon entering program mode, the programmer display will flash the control panel firmware version, followed by the programmer firmware version:

- F-64PROG : [3001]

If Gemini keypads are installed in the system (in addition to the required Freedom F-64TP or F-64TP-H Touchpads), the following version keypads must be used:

- GEM-K1CA Version 9B
- GEM-K2AS, Version 7
- GEM-K3DGTL, Version 3
- GEM-K4/K4RF, Version 2

Differences between the GEM-P1664 and the Freedom F-64 Control Panels:

The GEM-P1664 control panel and the Freedom F-64 V30 control panel are identical, except for the following:

- The "Classic" Gemini RP-Series keypads cannot be used with the Freedom F-64 V30 control panel.
- The **Perimeter Group Bypass** zone feature is exclusive to the Freedom F-64 V30 control panel.

CHANGES FROM PREVIOUS EDITION

The following changes have been made to this manual (W11502B) since the previous edition (W11502A):

- Expanded the **Disable PIR** explanation on page 41.



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Refer to accompanying F-64 Installation Instructions (WI1501) for installation information.



CONTROL PANEL PROGRAMMING OPTIONS

OVERVIEW

The F-64 control panel may be programmed by various means, each of which will be covered in detail in the sections that follow. Keypad displays shown are for an F-64PROG programmer, the recommended device for programming.

- ✓ **DOWNLOADING FROM A COMPUTER.** This is the preferred method of programming. The panel may be downloaded from (or uploaded to) an IBM PC-compatible computer, either locally or remotely. Napco's PCD-Windows Quickloader software features context-sensitive help screens as well as an error-checking utility that prevents programming of incompatible or conflicting data to ensure proper panel operation. **Note: Unattended downloading from a computer is not allowed for Fire Alarm or UL installations.**


The control-panel program may be downloaded from the computer by any of the following methods.

Local Downloading - (**Note:** This procedure should be used after installation, after peripheral devices are connected).

For direct high-speed data transfer to the control panel from a desktop computer, connect the download jack (JP2) on the panel to the LOCAL jack (J3) on the Napco PCI2000/3000 computer interface using the supplied 6-conductor cable. (Refer to PCI2000/3000 Installation Instructions WI443 for wiring diagram and procedures).


Similarly, a high-speed local download may be made in the field using a notebook or laptop computer. Connect JP2 on the control panel to a Napco PCI-MINI computer interface using the 6-conductor cable supplied. (Refer to PCI-MINI Installation Instructions WI767).

Remote Downloading - (Also see PCI2000/3000 Installation Instructions WI443). **Note:** Unattended downloading from a computer is not allowed for Fire Alarm or UL installations.

Function Mode - (Also called **Touchpad Menu Mode** when using a freedom Touchpad, see page 43). Start by establishing a telco connection between the computer operator and the installer. During this procedure, voice contact will be lost, therefore both the installer and the computer operator should be familiar with the operation. When a steady high-pitched tone is heard at the site phone, access the "ACTIVATE DOWNLOAD" Function, then press the  button or the **NEXT/YES** button; the site phone will go dead. Hang up the phone and wait for a call from the central station confirming a successful download.

Callback Method - An installed, unattended panel may be programmed or reprogrammed remotely using the Callback-Method Download feature of the PCD-Windows software. Remote downloading requires a modem compatible with the PCI2000/3000. Upon answering the call from the computer, the panel will verify the Download Security Code and, if confirmed, will establish a connection. If a Callback Number is programmed into the panel, the panel will automatically disconnect and call the computer at this number before establishing a connection.

- ✓ **EASY MENU DRIVEN PROGRAM MODE Using the F-64PROG Programmer (see page 6).** Accessed after entering Dealer Program Mode, the Easy Menu Driven Program Mode is a menu-driven utility that prompts the installer to configure the system. The Easy Menu Driven Program Mode allows keypad programming of the Total Number of Zones in Area 1, Panel Zone Doubling, Fire Zones in Area 1, 2-Wire Fire Zones in Area 1, Local or Central Station Reporting System, Exit/Entry Zones in Area 1, Interior Zones in Area 1, 24 Hour Zones in Area 1, Chime Zones in Area 1, Chime 2 Zones in Area 1, Exit/Entry2 Zones in Area 1, 50 mS Loop Response Zones (**Note:** 750mS is required for Loop Response time in UL installations), Aux Output Activated on Alarm Zones, Sensor Watch Zones, Keypad Sounder On Alarm Zones, Auto Bypass Re-entry Zones, Enable No EOLR Zones, Enable Telco Line Fault Test?, Enable Burg Output Chirp on Keyfob?, Enable SIA CP-01 Features?, Number of Keypads in Area 1, Enter the Freedom Touchpad Number, Enter the Touchpad PIR Zone Number, Enter Door Number 1 Zone Number, Enter Door Number 2 Zone Number, Chime 1 Zone Number, Chime 2 Zone Number, Aux 2 Zone Number, Add Another Freedom Touchpad?, Central Station Receiver 1 Telephone Number, Central Station Receiver 1 Account Number, Central Station Receiver 1 Format, Enter User Codes, RF Transmitter Points, Keyfob Transmitters as Arm/Disarm & Control Devices, Keyfob Transmitters as Zone Input Devices, Enter Zone Descriptions, Enter Date, Enter Time, Dealer Code, Test Timer, Clear Dealer Program and Cold Start. For new panels, a custom default program may be created at the keypad. Further detailed customization is accomplished in the Direct Address Program Mode.


- ✓ **DIRECT ADDRESS PROGRAM MODE Using the F-64PROG Programmer (see page 17).** The Direct Address Program Mode is an extension of the Dealer Program Mode wherein data is entered at the F-64PROG programmer by location. This mode is accessed from the Easy Menu Driven Program Mode by pressing the  button at any time.


DEALER PROGRAM MODE


DEALER PROGRAM - PRELIMINARY INFORMATION


Dealer Program Mode comprises two (2) operational states:


1. **EASY MENU DRIVEN PROGRAM MODE** - Used with new "out of the box" panels, this mode allows the dealer to customize the factory panel program to best suit the installation. The **Easy Menu-Driven Program Mode** is a menu-driven utility that prompts the installer to configure the system (see page 6). Press **[RESET]** at any time to exit, thus entering **Direct Address Program Mode**, detailed below.
2. **DIRECT ADDRESS PROGRAM MODE** - Additional programming changes, if necessary, can be made in the **Direct Address Program Mode**. In this mode, the programming address is accessed directly and re-configured by the installer.

 The factory default Dealer Code is **[4] [5] [6] [7F] [8A] [9P]**. We recommend that you use this code to enter Dealer Program Mode and program a custom Dealer Code, replacing the factory default Dealer Code. If you clear your Dealer Code, use the Default Dealer Code once again to enter programming.

 After entering codes or data, press the save **[SAVE]** button. Data will not be stored into memory unless **[SAVE]** is pressed.

 If the programmer is in the Program Mode and no activity is detected for longer than 4 minutes, a steady tone will sound.

 Silence the sounder by the **[*]** button to continue, or by pressing the **[RESET]** button to exit.

 When programming a Multiple Area System, Direct Address Programming Mode must be used to complete the program.

ACCESSING DEALER PROGRAM MODE

1. Press **[4] [5] [6] [7F] [8A] [9P] [MENU]**

Default Dealer Code
2. Press **PRIOR/NO** button until "ACTIVATE PROGRAM Y/N" appears on LCD screen.
3. Press **NEXT/YES** button to Enter Dealer Program Mode.
4. Press **[RESET] [RESET]** to Exit Dealer Program Mode when finished.

CUSTOMIZING A DEFAULT PROGRAM

For new panels, you can design a default program that will best suit your application. Using this procedure, you will configure the panel for:

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> • Total Number of Zones in Area 1 • Panel Zone Doubling • Fire Zones in Area 1 • 2-Wire Fire Zones in Area 1 • Local or Central Station Reporting System • Exit/Entry Zones in Area 1 • Interior Zones in Area 1 • 24 Hour Zones in Area 1 • Chime Zones in Area 1 • Chime 2 Zones in Area 1 • Exit/Entry2 Zones in Area 1 • 50mS Loop Response Zones (Note: 750mS is required for Loop Response time in UL installations) | <ul style="list-style-type: none"> • Aux Output Activated on Alarm Zones • Sensor Watch Zones • Keypad Sounder On Alarm Zones • Auto Bypass Re-entry Zones • Enable No EOLR Zones • Enable Telco Line Fault Test • Enable Burg Output Chirp on Keyfob • Enable SIA CP-01 Features • Number of Keypads in Area 1 • Central Station Receiver 1 Telephone Number • Central Station Receiver 1 Account Number • Central Station Receiver 1 Format | <ul style="list-style-type: none"> • Enter User Codes • RF Transmitter Points • Keyfob Transmitters as Arm/Disarm & Control Devices • Keyfob Transmitters as Zone Input Devices • Enter Zone Descriptions • Enter Date • Enter Time • Dealer Code • Test Timer • Clear Dealer Program • Cold Start |
|---|---|---|

This procedure will automatically set up system keypads/Touchpads, EZMs, wireless transmitters, etc. After your basic default program has been loaded, you may alter it as necessary in the Direct Address Program Mode.

NEW PANELS: The custom default program may be created for new panels only. Once the panel has been programmed by any means, the number zones will be suppressed and cannot be changed. Should it be necessary to create a new custom default program, (a) from the Dealer Program Mode, press the **[RESET]** button to enter the Direct Address Program Mode; (b) access Location 2285 (Clear Program); (c) press **[SAVE]** and start over.

EASY MENU DRIVEN PROGRAM MODE

To create a custom program using the F-64PROG programmer, simply answer the following questions and record your information on the *Easy Menu Programming Worksheet* (see page 44). In each of the following steps, press **[MENU]** to set cursor, the

NEXT/YES button to go forwards, the **PRIOR/NO** button to go backwards, **[SAVE]** to save and **[RESET]** twice to exit at any time.

```
#of Zns in Area1
Enter # Zones XX
```

(Direct Entry)

Total Number of Zones in Area 1 (New Program Only)

- Enter the total number of zones to be programmed for Area 1.
- Valid entries are from 01 to 64. Directly enter the total number of zones, including leading zeros.
- The system is based on groups of 4 zones each (after the first 8 zones), and will automatically round up to the next group of 4. For example, if you enter 18, it will automatically convert this to 20 zones. Press **[SAVE]** to save. Press the **NEXT/YES** button to proceed.

```
EZ Zone Doubling
Enabled? Y/N
```

(Press YES or NO)

Panel Zone Doubling (New Program Only)

- To double the number of hardwired panel zones from 8 to 16, press YES.
- If Panel Zone doubling is not desired, press the **PRIOR/NO** button.
- The 16 zones will remain EOL terminated zones, requiring Normally Closed devices only.
- Refer to Wiring Diagram and Installation Instructions for wiring instructions

```
Fire Zones
Enter Zone # **
```

(Direct Entry)

Fire Zones in Area 1 (New Program Only)

- Enter the zone number of any Fire Zones (including 2-wire, 4-wire or wireless).
- Valid entries are from 01 to 64.
- Directly enter each zone number, including leading zeros, and press **[SAVE]** to save, and then repeat for any additional zone(s). Press the **NEXT/YES** button to proceed.

```
2-Wire Fire Zns
Enter Zone # **
```

(Direct Entry)

2-Wire Fire Zones in Area 1 (New Program Only)

- Enter the zone number of any Fire Zone (from previous question) to be used with 2-wire smoke detectors.
- Valid entries are 07 and 08. Directly enter each zone number, including leading zeros.
- Press **[SAVE]** to save, and repeat for any additional zone(s); press **NEXT/YES** to proceed.

NOTE: Only zones which have been designated as Fire Zones can be programmed as 2 Wire Fire zones. JP3 must be set to "2-WF" position for 2-wire fire. (refer to Installation Instructions).

```
Report All Zones
To Central? Y/N
```

(Press YES or NO)

Local or Central Station Reporting System (New Program Only)

Press the **NEXT/YES** button for all zones to report; press the **PRIOR/NO** button for local system

```
Exit/Entry Zones
Enter Zone # XX
```

(Direct Entry)

Exit/Entry Zones in Area 1 (New Program Only)

- Enter the zone numbers of zones to be used as Exit/Entry zones.
- Valid entries are from 01 to 64. Directly enter each zone number, including leading zeros.
- Press **[SAVE]** to save and repeat for any additional zone(s); press the **NEXT/YES** button to proceed.

NOTE: Exit/Entry time of 30 seconds will automatically be programmed.

```
Interior Zones
Enter Zone # XX
```

(Direct Entry)

Interior Zones in Area 1 (New Program Only)

- Enter the zone numbers to be used as Interior Zones.
- Valid entries are from 01 to 64. Directly enter each zone number, including leading zeros.
- Press **[SAVE]** to save and then repeat for any additional zone(s).
- Press the **NEXT/YES** button to proceed.
- All Interior zones will also be automatically programmed as "Exit/Entry Follower" and as "Power Up Delay" zones.

```
24 Hour Zones
Enter Zone # **
```

(Direct Entry)

24 Hour Zones in Area 1 (New Program Only)


- Enter the zone numbers of zones to be used as 24 Hour zones.
- Valid entries are from 01 to 64. Directly enter each zone number, including leading zeros.
- Press **[SAVE]** to save and repeat for any additional zone(s); press the **NEXT/YES** button to proceed.

NOTE: 24 Hour Zones will automatically be programmed as audible (Burg Output).

```
Chime Zones
Enter Zone # **
```

(Direct Entry)

Chime Zones in Area 1 (New Program Only)


- Enter the zone numbers which are to be used as Chime Zones.
- Valid entries are from 01 to 64. Directly enter each zone number, including leading zeros.
- Press  to save and then repeat for any additional zone(s), press the **NEXT/YES** button to proceed.

NOTE: A chime time of 2 seconds will be automatically programmed.

```
Chime 2 Zones
Enter Zone # **
```

(Direct Entry)

Chime 2 Zones in Area 1 (New Program Only)

- Enter the zone numbers which are to be used as Chime 2 Zones.
- Valid entries are from 01 to 64. Directly enter each zone number, including leading zeros.
- Press  to save and then repeat for any additional zone(s), Press the **NEXT/YES** button to proceed.


NOTE: A chime time of 2 seconds will be automatically programmed.

Chime 2 zones give a distinct pulsating tone when zone is faulted.

```
Exit/Entry2 Zones
Enter Zone # **
```

(Direct Entry)

Exit/Entry2 Zones in Area 1 (New Program Only)


- Enter the zone numbers of zones to be used as Exit/Entry zones.
- Valid entries are from 01 to 64. Directly enter each zone number, including leading zeros.
- Press  to save and repeat for any additional zone(s); press the **NEXT/YES** button to proceed.

NOTE: An Exit/Entry 2 Entry Time of 30 seconds will automatically be programmed.

```
50mS Loop Zones
Enter Zone # **
```

(Direct Entry)

50 mS Loop Response Zones (New Program Only) **Note: 750mS is required for Loop Response time in UL installations.**


- Enter the zone numbers of zones to be have a 50mS loop response.
- Valid entries are from 01 to 08. Directly enter each zone number, including leading zeros.
- Press  to save and then repeat for any additional zone(s), Press the **NEXT/YES** button to proceed.

Note: Only panel zones 01-08 can be programmed for Quick Loop Response. All other zones can be programmed via their respective EZM's (hardware). Time can also be adjusted via address 2280.

```
Aux Output Zones
Enter Zone # **
```

(Direct Entry)

Aux Output Activated on Alarm Zones (New Program Only)


- Enter the zone numbers of zones to activate the PGM2 upon alarm.
- Valid entries are from 01 to 64. Directly enter each zone number, including leading zeros.
- Press  to save and then repeat for any additional zone(s), Press the **NEXT/YES** button to proceed.

NOTE: A PGM2 Timeout of 15 minutes will automatically be programmed.

```
Sensor Watch Zns
Enter Zone # **
```

(Direct Entry)

Sensor Watch Zones (New Program Only)


- Enter the zone numbers of zones to be Sensor Watch zones.
- Valid entries are from 01 to 64. Directly enter each zone number, including leading zeros.
- Press  to save and then repeat for any additional zone(s), Press the **NEXT/YES** button to proceed.

NOTE: A Sensor Watch Time of 24 hours will automatically be programmed.

```
KP Sndr Alrm Zns
Enter Zone # **
```

(Direct Entry)


Keypad Sounder On Alarm Zones (New Program Only)

- Enter the zone numbers of all zones to activate the Keypad Sounder upon alarm.
- Valid entries are from 01 to 64. Directly enter each zone number, including leading zeros.
- Press  to save and then repeat for any additional zone(s), Press the **NEXT/YES** button to proceed.

```
Auto Byp REnt Zn
Enter Zone # **
```

(Direct Entry)

Auto Bypass Re-entry Zones (New Program Only) (**Not Evaluated by UL**)

- Enter the zone numbers of zones to be Auto Bypass Re-entry zones.
- Valid entries are from 01 to 64. Directly enter each zone number, including leading zeros.
- Press  to save and then repeat for any additional zone(s), Press the **NEXT/YES** button to proceed.
- Auto Bypass Re-entry Zones allow the system to be armed with the zone faulted but come back into the system (armed) when the zone is subsequently closed.

```
Enable No EOLR
Zones Y/N
```

(Press YES or NO)

Enable No EOLR Zones (New Program Only)

- Press **YES** to program all zones except 24 Hr & fire zones for No End Of Line Resistor. Press **NO** to continue. Do NOT program this feature for UL installations.

```
Enable Telco
Line Test? Y/N
```

(Press YES or NO)

Enable Telco Line Fault Test?

- Press **YES** to enable Telco Line Fault Test.
- Press **NO** to continue. **NOTE: If enabled, a Telco Line Fault Test Delay of 60 sec. will automatically be programmed.**



Enable Burg Out Chirp? Y/N

(Press YES or NO)

Enable SIA CP-01? Y/N

(Press YES or NO)

Area 1 Keypads Enter # KPs 01

(Direct Entry)

Prog a Freedom KP? Y/N

(Press YES or NO)

Enter Freedom KeyPad # --

(Direct Entry)

Enter KeyPad PIR Zone # --

(Direct Entry)

Enter Door1 Zone # --

(Direct Entry)

Enter Door2 Zone # --

(Direct Entry)

Chime 1 Zone # --

(Direct Entry)

Chime 2 Zone # --

(Direct Entry)

Aux2 Zone # --

(Direct Entry)

Add another Freedom KP? Y/N

(Direct Entry)

Enable Burg Output Chirp on Keyfob?

- Press the **NEXT/YES** button to enable Burg Output Chirp on Keyfob Arm / Disarm.
- Press the **PRIOR/NO** button to continue.

NOTE: The Burg Output will chirp once on Keyfob Arm and twice on Keyfob Disarm.

Enable SIA CP-01 Features?

- Press the **NEXT/YES** button to enable.
- Press the **PRIOR/NO** button to continue.

The SIA CP-01 Features are designed to reduce the incidence of false alarms. **NOTE:** Do not enable unless reporting, otherwise system trouble *Fail to Communicate* may occur.

Number of Keypads in Area 1

- Enter the total number of Keypads to be installed in Area 1.
 - Valid entries are from 01 to 07. Directly enter the number of keypads, including leading zeros. Press **ENTER** to save. Press the **NEXT/YES** button to proceed.
- NOTE:** Area 2-4 keypads must be assigned in Direct Address Programming. See Keypad Options.

Program a Freedom Touchpad?

- Press **YES** to add a Freedom Touchpad and to jump to the next selection, listed directly below.
- Press **NO** to skip this selection and jump to **Central Station Receiver 1 Telephone Number** (see next page)

Enter the Freedom Touchpad Number

- Assign to the panel an address number for the Touchpad to be installed.
 - Valid entries are from 01 to 04. Directly enter the address number of the Touchpad, including leading zeros.
- Press **ENTER** to save. Press the **NEXT/YES** button to proceed.

Enter the Touchpad PIR Zone Number

- Enter the zone number to associate with the Touchpad PIR.
 - Valid entries are from 01 to 64. Directly enter the number of the zone, including leading zeros.
- Press **ENTER** to save. Press the **NEXT/YES** button to proceed.

Enter Door Number 1 Zone Number

- Enter the zone number to associate with the Touchpad *primary* door.
 - Valid entries are from 01 to 64. Directly enter the number of the zone, including leading zeros.
- Press **ENTER** to save. Press the **NEXT/YES** button to proceed.

Enter Door Number 2 Zone Number

- Enter the zone number to associate with the Touchpad *secondary* door.
 - Valid entries are from 01 to 64. Directly enter the number of the zone, including leading zeros.
- Press **ENTER** to save. Press the **NEXT/YES** button to proceed.

Chime 1 Zone Number

- Enter the zone number to associate with the primary Touchpad Chime.
 - Valid entries are from 01 to 64. Directly enter the number of the zone, including leading zeros.
- Press **ENTER** to save. Press the **NEXT/YES** button to proceed.

Chime 2 Zone Number

- Enter the zone number to associate with the secondary Touchpad Chime.
 - Valid entries are from 01 to 64. Directly enter the number of the zone, including leading zeros.
- Press **ENTER** to save. Press the **NEXT/YES** button to proceed.

Aux 2 Zone Number

- Enter the zone number to associate with the PGM2 output (terminal 8 on the control panel).
 - Valid entries are from 01 to 64. Directly enter the number of the zone, including leading zeros.
- Press **ENTER** to save. Press the **NEXT/YES** button to proceed.

Add Another Freedom Touchpad?

- Press **YES** to add a Freedom Touchpad and to jump up to the selection, "Enter Freedom KeyPad #" listed above.
- Press **NO** to skip this selection and jump to **Central Station Receiver 1 Telephone Number** (see next page).

Central Phone #

(Direct Entry)

Central Station Receiver 1 Telephone Number

- Enter telephone number of up to 16 digits.
- Press through for digits 1–9; for a zero and for a blank (*).
- Press through for letters B–F, respectively.
- Pre-Dial Delay = “D” (); Dial-Tone Detection = “E” ().
- Press to save and press the **NEXT/YES** button to proceed.

NOTE: Central Station Receiver 2 and 3 Telephone Numbers must be entered in Direct Address Programming. See CS Receiver Options.

Central Station
Account # (____)

(Direct Entry)

Central Station Receiver 1 Account Number

- Enter an account number of up to four digits.
- Press through for digits 0–9, and for a blank (*).
- Press to save and press the **NEXT/YES** button to proceed.

NOTE: Central Station Receiver 2 and 3 Account Numbers must be entered in Direct Address Programming. See CS Reporting Options.

See WI for Info
Rcvr Format (0)

(Direct Entry)

Central Station Receiver 1 Format

- From the table at the right enter the receiver format.
- Press through , and for blank (*).
- Press through for letters B–E.
- Press to save and press the **NEXT/YES** button to proceed.

Enter user code->
U01 123 - 9-

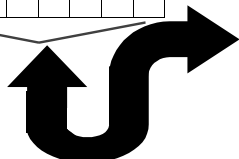
User# User Code Area 1 Area 2

Enter User Codes (Press to set cursor.)

For default program, enter up to 64 User Codes, with Area 1, 2, 3 & 4 Options.

- Press the () button once to set the cursor to the User Code.
- Press through to enter a code from 3 to 6 digits, leave blank (*) any trailing boxes.
- Press to set the cursor to the Area 1 Options Level. Refer to the table below for available options. For Area 2 Options, press once again. For Area 3 & 4 Options, press a third and fourth time.
- If “Enable Global Ambush Code” (Address 1422) is enabled and “Global Ambush Code” (Address 2045) is **not** left blank (*), *do not* program the first two digits of ANY User Code the same as the “Global Ambush Code”. See Address 2045 further in this manual for more information.
- Press to save. **Note:** Duplicate User Codes are not allowed; therefore a duplicate Code entered in the LCD Window will erase when is pressed. To proceed to the next User Code, press to set the cursor to the User Number and change it using the number buttons. Press the **NEXT/YES** button to proceed.

| USER OPTIONS | | | | |
|-------------------------------|-------------------|-------------------|-------------------|-------------------|
| USER CODE (UP TO 6 DIGITS) | AREA 1 OPTIONS | AREA 2 OPTIONS | AREA 3 OPTIONS | AREA 4 OPTIONS |
| | | | | |
| | | | | |



| USER AREA OPTIONS | | |
|-------------------|----------|-------------------|
| DATA ENTRIES | | OPTION ENABLED |
| L | R | |
| blank(*) | blank(*) | Disabled |
| blank(*) | 1 | Arm/Disarm |
| blank(*) | 2 | Arm Only |
| blank(*) | 3 | Service |
| blank(*) | 4 | Access |
| blank(*) | 5 | Ambush |
| blank(*) | Add 8 | * User Program |
| 4 | blank(*) | Bypass Enable |

| DATA ENTRY | CS RECEIVER 1 FORMAT |
|---------------|---------------------------------|
| • (blank) | Ademco Slow, Silent Knight Slow |
| 2 | Radionics Fast |
| 3 | Silent Knight Fast |
| 4 | Radionics, DCI, Franklin Slow |
| 5 | Universal High Speed |
| B | SIA |
| C | Ademco Point ID |
| E | Pager |

Example: Program a code of “2222” for user 02, with area 1 options of “Arm/Disarm” and “User Program”. Enter “2222” for a user code, “• (blank) 9” for area 1 options and “• (blank) •(blank)” for area 2 options.

| AREA OPTIONS | EXPLANATION |
|----------------|--|
| Disabled | User Code not active in this area. |
| Arm/Disarm | Allows User Code to arm/disarm this area. |
| Arm Only | Prevents User Code from disarming this area. |
| Service | A Service Code has restricted arm/disarm rights; if an area is armed with a Service Code, a "MONITOR ON" appears in the LCD window and the area can be disarmed with any valid User Code, including a Service Code. If the area is armed with OTHER than a Service Code, it CANNOT be disarmed with a Service Code. This is typically used to allow tradesmen access to premises under control of the owner. |
| Ambush | GEM-K-Series keypads: There are two types of Ambush Codes: (1) A 2-digit code (prefix) entered immediately prior to (and as part of) the regular User Code and (2) A separate and unique User Code. Disarming with an Ambush Code causes a silent report to be sent to a central station, thus, should a user be forced to disarm, he can silently signal an emergency while appearing to be merely disarming the system. With Touchpads, Ambush operates differently. See "Ambush" glossary entry in the Installation Instructions, WI1501 for more information. Note: Do not program method 1 in CP-01 compliant systems. |
| Access | This is normally used to activate a door strike while an area is disarmed. Also program "Access Control on PGM2. Output" (Address 0719) and "PGM2 Output Access Control Timeout" (Address 0711). |
| * User Program | User Program Option is enabled. To enable User Program Option for any user, add 8 to the data entry for Area Option (see example). Then, User Programming can be performed at any keypad by a user code with user program enabled. |
| Bypass Enable | Security Bypass-Bypass is enabled only with a security code. |

Related User Options: "Enable Global Ambush Code" (Address 1422), "Global Ambush Code" (Address 2045) & "Enable Manager's Mode" (Address 1421).

CHANGING OR CANCELING A CODE: To change any code, merely program over the existing code as described above and press to save. Similarly, to cancel a code, blank out each number of the code and press to save.

```
ZN#   XMIT#+CS P
Zn01- 000000:0-0
```

Zone # Xmitter Check Point
Mapped to ID Sum #

RF Transmitter Points (Press to set cursor.)

For each transmitter enter: (For wireless systems only. Also see Quick Method, which follows)

- The zone number (01–64) to which the transmitter will be mapped.
- The 6-digit RF ID # and 1-digit checksum number printed on the transmitter and box,
- The point number (1–2); enter "9" for unsupervised (all points).
- Press to save and NEXT/YES button to proceed when all transmitters have been entered.

NOTE: When programming the ID Code number, "0" through "9" = through ; A = ; B = ; C = ; D = ; E = and "F" = .

```
ZN#   XMIT#+CS P
Zn01- 000000:0-0
```

```
ZN#   XMIT#+CS P
Zn01- ENROLL:A--
```

Quick "Enroll" Method: If a receiver is already installed in the panel, transmitter wireless points can be programmed automatically ("enrolled") using the following procedure. **NOTE:** The transmitter point will be enrolled only if the signal strength is 3 or greater.

1. Enter the zone number to which the transmitter point will be mapped.
2. Press to enter the Enroll Mode. The red and green LEDs on the programmer will flash and the window will display as shown at left.
3. Open the loop of the point that is to be programmed (GEM-TRANS2 only).
4. Install the transmitter battery. The programmer will beep to indicate that the point has been successfully enrolled. Multi-point transmitters can be mapped to successive zones simultaneously.

Example. A 2-point transmitter has the RF ID number 287613:1. Map point 1 to Zone 6 and point 2 to Zone 9.

1. Enter the Enroll mode as described above.
2. Enter Zone "06".
3. Open point-1 loop.
4. Install the battery. The programmer will beep once to indicate that one point has been programmed. (Transmitter 287613:1,

- point 1 will be mapped to Zone 6).
5. Enter Zone "09".
6. Close point-1 loop and open point-2 loop.
7. Remove the transmitter battery, then re-install it. The programmer will beep once to indicate that one point has been programmed. (Transmitter 287613:1, point 2 is mapped to Zone 9).

KEYFOB ZONE ASSIGNMENT: Keyfobs can also be assigned to zones to allow multiple wireless panic buttons on one alarm system, each reporting to a central station, a pager or having a description in the LCD window that describes the person holding the keyfob, the location where the person holding the keyfob is stationed, or the special purpose of the keyfob button being depressed. See the next page on Keyfob Transmitters as Zone Input Devices.

```
KF A XMIT#+CS OP
01-0 000000:0 00
```

KF Area Xmitter Check Aux
Area ID Sum 1&2

Keyfob Transmitters as Arm/Disarm & Control Devices (Press to set cursor).

Keyfobs can be programmed as "Arm/Disarm" devices using their On/Off buttons (refer to WI752). For each Keyfob Transmitter, enter:

- The Keyfob Transmitter number (01–8).
- The area number to which transmitter is assigned (0 to disable keyfob, 1 through 4).
- The 6-digit RF ID # and 1-digit checksum number printed on the transmitter and box,
- The Aux 1 Option (see keyfob aux 1 & aux 2 options).
- The Aux 2 Option (see keyfob aux 1 & aux 2 options).
- Press to save and NEXT/YES button to proceed when all keyfobs have been entered.

NOTE: When programming the ID Code number, "0" through "9" = through ; A = ; B = ; C = ; D = ; E = and "F" = .

Keyfob Transmitters as Zone Input Devices

(Refer to display above: press the PRIOR button to go backwards).


Each of the 4 keyfob buttons can be assigned to a zone. For example, On button = point 1; Off button = point 2; A1 = point 3; A2 = point 4. Up to 64 keyfobs (using 1 button) or 32 keyfobs (using 2 buttons) or 16 keyfobs (using all 4 buttons) or any combination up to a maximum of 64 controlled zones can be assigned, providing multiple wireless panic buttons on a system, each reporting to a Central Station or a pager and/or annunciating on a keypad/Touchpad the keyfob zone number with a description. To assign a keyfob to a zone: program the keyfob as you would a transmitter, entering the keyfob's ID code, check sum and point number at the appropriate zone. The "Quick Method" is not allowed. The zone may be hardwired to an electrical sensor as well as assigned to a keyfob (either one will activate the zone alarm output). **NOTE:** If assigning a keyfob to a zone, the "ON/OFF" buttons on the keyfob will no longer arm/disarm the system. The keyfob is converted to a "panic only" device.

| DATA ENTRY | AUX 1/AUX 2 OPTIONS |
|------------|-----------------------|
| 0 | None |
| 1 | Relay Group 1 Toggle |
| 2 | Relay Group 2 Toggle |
| 9 | Keypad Panic |
| A | Keypad Aux. |
| B | Instant |
| C | PGM2 Output Toggle |
| D | Access on PGM2 Output |
| E | Arm STAY |
| F | Interior Button |

01-

(Direct Entry)

Enter Zone Descriptions

- For each zone, enter a description of up to two lines. Press  to save each description.
- See next page for instructions for entering characters and numbers for the zone descriptions.
- To proceed to the next description, place the cursor under the Zone Number (e.g. "1") and press the number that corresponds to the zone. Program new description as above.

Enter Date
(/ /)

(Direct Entry)


Enter Date (Press  to set cursor).

- Enter the current date in the format MM/DD/YY. (MM = month, DD = day and YY = year.
- Press  to save. Press the **NEXT/YES** button to proceed.

Enter Time
(:)

(Direct Entry)





Enter Time (Press  to set cursor).

- Enter the current time in format HH:MM:AP, where HH=hours (01–12); MM=minutes (00–59).
- Select AM or PM by pressing any number button.
- Press  to save. Press the **NEXT/YES** button to proceed.

Dealer Code
456789


DEALER CODE
RE-ENTER



Dealer Code





- Directly enter the Dealer Code (default = 456789), using  through  buttons.
- Press  to save. Re-enter the Dealer Code to verify the previous code. Press  to save.
- Press the **NEXT/YES** button to proceed.

TEST TIMER
SMTWTFS HH:MM

Test Timer


- Select day(s) by simply erasing the unwanted days. Move the cursor over the day and press any number key to erase/restore the day. For example, "Monday" and "Friday" will appear as: "•M•••F•"
- Enter Time (in 24 hour format) by moving cursor under the left H and pressing two digits to overwrite the existing default of 00. **Note:** Midnight is 00:00. Enter minutes by continuing to enter data or if just updating minutes move the cursor under the left M and enter the two digits to overwrite the existing default of 00. Use  as right cursor one position.

EXIT DEALER PROGRAM MODE: This completes the custom default program. Press  to enter the Direct Address Program Mode for further programming or press  once again to end all programming.

CLEAR PROGRAM: Should it be necessary to create a new custom default program, (a) from the Dealer Program Mode, press  to enter the Address Program Mode; (b) access Location 2285 (Clear Program) or 2286 (Cold Start); (c) press  and then (d) press  to exit the Dealer Program Mode. A "SYSTEM TROUBLE/E09-00 SERVICE" will occur. Press  to silence the programmer.


2285 XX H

Clear Dealer Program (Erases Dealer Program)

Use this feature to erase the Panel Program, while maintaining Scheduled Data and Zone Descriptions. Access address 2285 and press . Data entry is not allowed. **NOTE:** Enter Easy Menu Driven Program Mode to reprogram system.

2286 XX H

Cold Start (Erases Entire Program)

This erases all programmed data (Dealer Program, Zone Description Data and Schedules). Access address 2286 and press . Data entry is not allowed. **NOTE:** Some features (schedules) can only be programmed again with the Downloading Software.



ENTERING ZONE DESCRIPTIONS

01-

Enter an identifying description for each zone. Characters are selected by pressing F-64PROG programmer buttons multiple times, "Cell Phone" style. Buttons [1] through [9P] plus [0] and [*] are used, as per the following table:

| PRESS: | CHARACTERS DISPLAYED IN SEQUENCE | HOLD [*] AND PRESS: | CHARACTERS DISPLAYED IN SEQUENCE |
|--------|----------------------------------|---------------------|----------------------------------|
| [1] | ABC1 | [1] | abc1 |
| [2] | DEF2 | [2] | def2 |
| [3] | GHI3 | [3] | ghi3 |
| [4] | JKL4 | [4] | jkl4 |
| [5] | MNO5 | [5] | mno5 |
| [6] | PQR6 | [6] | pqr6 |
| [7F] | STU7 | [7F] | stu7 |
| [8A] | VWX8 | [8A] | vwx8 |
| [9P] | YZ90 | [9P] | yz90 |
| [0] | (SPACE) . - . () , / : ? # | [0] | (Reserved) |

Press [MENU] to move cursor right.

Press [BYPASS] to move cursor left.

Notes:

1. After releasing the number button for 2 seconds, the character will be accepted and the cursor advanced to the right.
2. After releasing the number button, if a new number button is pressed before the 2 second window expires, the current character will be accepted and the cursor automatically advanced to the right. The first of the 4 characters of this new number button will be displayed.
3. To erase an existing entry, use [MENU] to move the cursor below the character to be changed. Enter a new character to overwrite the old, or press zero to delete the character.
4. To generate lowercase characters, the [*] button must be pressed and held down while pressing the number button. If the [*] button is released during the 2 second window, the current character will change to uppercase.

Press [ENTER] to save.

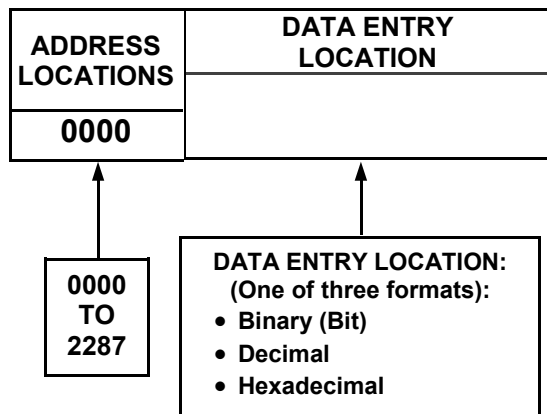
To advance to the next zone (or to any other zone), move the cursor to the displayed zone number (i.e., "01") using [MENU] and [BYPASS]. Change the zone number using keys [0] through [9P]. Enter two digits for the zone number (after entering the first digit, the cursor will automatically advance to the second digit). When the second zone number digit is entered, the cursor will automatically advance to the right, allowing the description locations to be entered.

Always press [ENTER] to save each zone description.

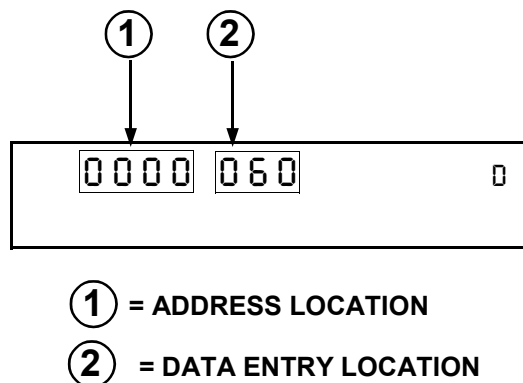
DIRECT ADDRESS PROGRAM MODE

DIRECT ADDRESS OVERVIEW

Direct Address Programming allows you to go directly to the address locations (up to 2287) and change the data entries manually in order to customize your control panel options. Whereas the Easy Menu Driven Program Mode guides you through limited selections to get you started, **Direct Address Program Mode** allows you to change all options directly. It consists of up to 2287 address locations each with data entry locations as shown in the following diagram (below left). The data entry location accepts data in one of three formats: Binary, Decimal and Hexadecimal (explained below in "Address Mode Displays"). The following diagram (below right) illustrates a *Decimal* format data entry location (using an F-64PROG programmer).



F-64PROG Programmer Display Example



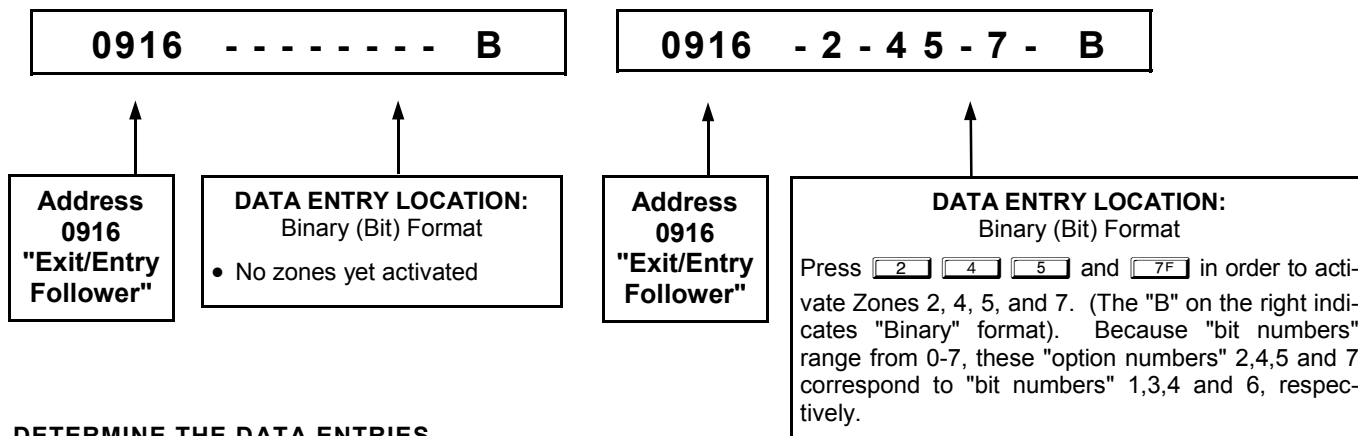
ADDRESS MODE DISPLAYS

There are three types of address displays when programming in Direct Entry Program Mode, as follows:

A) Binary (Bit) Format Example

Settings (such as Zone Features) display and accept data in "number" format. For example, Zone Features are turned on by the pressing of the programmer buttons 1 through 8, with the activated Zone(s) displaying the corresponding decimal digit (replacing deactivated zones which are signified by dashes).

EXAMPLE: BIT Format with the F-64PROG: Program Zones 2, 4, 5 and 7 as *Exit/Entry Follower Zones*.



DETERMINE THE DATA ENTRIES

1. Referring to ZONE FEATURES in the Programming Worksheets that follow, the Exit/Entry Follower for Zones 1 through 8 are located at address 0916.

| ZONE FEATURES | ADDR | ZONES 1 → 8 | | | | | | | | ADDR | ZONES 9 → 16 | | | | | | | |
|---------------------|------|-------------|----|----|----|----|----|----|----|------|--------------|-----|-----|-----|-----|-----|-----|-----|
| | | Z1 | Z2 | Z3 | Z4 | Z5 | Z6 | Z7 | Z8 | | Z9 | Z10 | Z11 | Z12 | Z13 | Z14 | Z15 | Z16 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Exit/Entry Follower | 0916 | | | | | | 6 | 7 | 8 | 0911 | | | | | | | | |

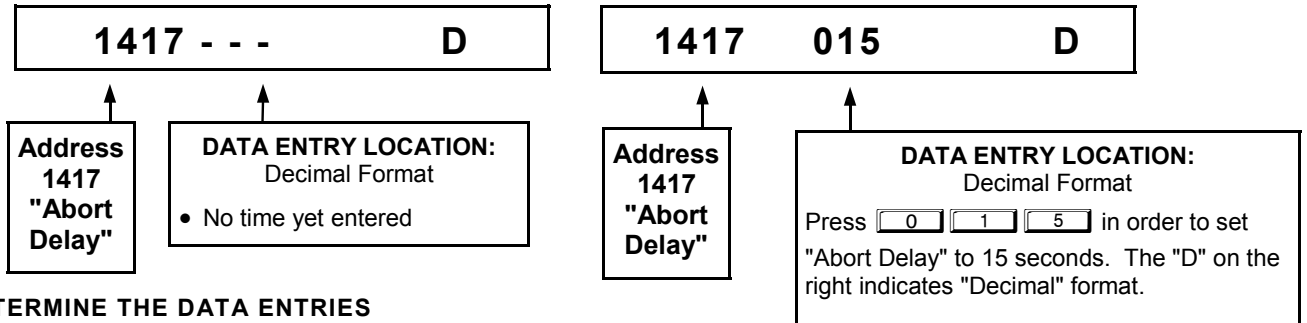
PROGRAM THE DATA ENTRIES

1. Enter the panel's Dealer Security Code, then press **[MENU]**.
2. Answer NO to all questions until "ACTIVATE PROGRAM Y/N" is displayed; then press YES. **NOTE:** If you pass "ACTIVATE PROGRAM", scroll backward using **[BYPASS]**.
3. Press **[RESET]** to enter the Address Program Mode. Address "0000" will display.
4. Press **[0]** **[9P]** **[1]** **[6]** to access Address 0916. *The existing data will display and the cursor will advance to the data field.*
5. Press **[6]** **[7F]** **[8A]**. The numbers 6,7 and 8 will appear on the programmer display indicating the zones activated.
6. Press **[ENTER]** to save. Address 0916 is now programmed with "6,7,8".
7. Press **[MENU]** and enter another 4-digit address to continue programming --or-- press **[RESET]** to exit.

B) Decimal Format Example

Settings (such as Entry and Exit Delay) display and accept data in decimal format, as a 3 digit number. Data is entered directly, by pressing keys 0 – 9, with the cursor automatically moving to the right upon each key press.

EXAMPLE: DECIMAL Format with the F-64PROG: Program *Abort Delay* to be 15 seconds.



DETERMINE THE DATA ENTRIES

1. Referring to SYSTEM DELAYS & TIMEOUTS in the Programming Worksheets that follow, the Abort Delay is located at address 1417:

| | | | |
|--------------------|--------------|--|--|
| ABORT DELAY (sec.) | ADDRESS 1417 | | |
| | | | |

[Default = 0 sec. = blank (*)]

PROGRAM THE DATA ENTRIES

1. Enter the panel's Dealer Security Code, then press **[MENU]**.
2. Answer NO to all questions until "ACTIVATE PROGRAM Y/N" is displayed; then press YES. **NOTE:** If you pass "ACTIVATE PROGRAM", scroll backward using **[BYPASS]**.
3. Press **[RESET]** to enter the Address Program Mode. Address "0000" will display.
4. Press **[1]** **[4]** **[1]** **[7F]** to access Address 1417. *The existing data will display and the cursor will advance to the data field.*

vance to the data field.

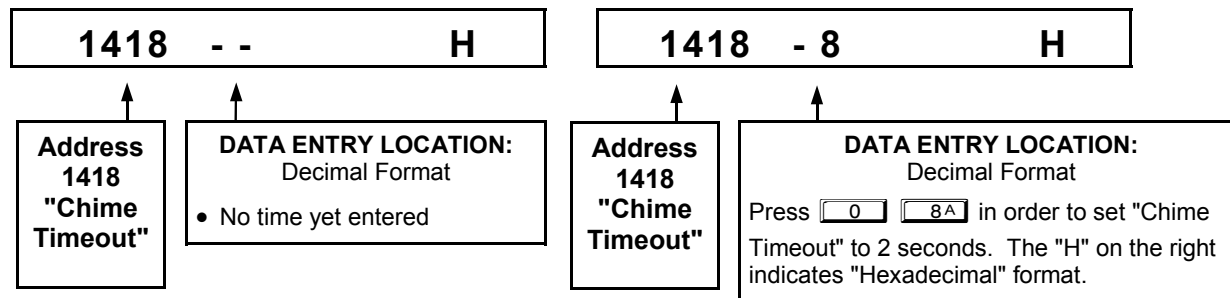
5. Press . The numbers 015 will appear on the programmer display indicating the number of seconds entered.
6. Press to save. Address 1417 is now programmed with a 15-second Abort Delay.
7. Press and enter another 4-digit address to continue programming--or--press to exit.

C) Hexadecimal Format Example

Data such as Report Codes displays and accepts data by means of a Hexadecimal display. Data is entered directly, by pressing keys 1 – 9, for zero, and through for hex B through F (11-15), with the cursor automatically moving to the right upon key press. See table below.

| HEXADECIMAL ENTRIES | | | | | |
|---------------------|---------------------------------|-----------------|-------------|---|-----------------|
| ENTRY TOTAL | PRESS | KEYPAD DISPLAYS | ENTRY TOTAL | PRESS | KEYPAD DISPLAYS |
| blank | <input type="text" value="0"/> | • | 8 | <input type="text" value="8A"/> | 8 |
| 1 | <input type="text" value="1"/> | 1 | 9 | <input type="text" value="9P"/> | 9 |
| 2 | <input type="text" value="2"/> | 2 | 10 | <input type="text" value="*"/> <input type="text" value="0"/> | 0 |
| 3 | <input type="text" value="3"/> | 3 | 11 | <input type="text" value="*"/> <input type="text" value="1"/> | B |
| 4 | <input type="text" value="4"/> | 4 | 12 | <input type="text" value="*"/> <input type="text" value="2"/> | C |
| 5 | <input type="text" value="5"/> | 5 | 13 | <input type="text" value="*"/> <input type="text" value="3"/> | D |
| 6 | <input type="text" value="6"/> | 6 | 14 | <input type="text" value="*"/> <input type="text" value="4"/> | E |
| 7 | <input type="text" value="7F"/> | 7 | 15 | <input type="text" value="*"/> <input type="text" value="5"/> | F |

EXAMPLE: HEXADECIMAL Format with the F-64PROG: Program *Chime Timeout* to be 2 seconds.



DETERMINE THE DATA ENTRIES

1. Referring to SYSTEM DELAYS & TIMEOUTS in the Programming Worksheets that follow, the Chime Timeout is located at address 1418. In the **"Chime Timeout Options"** table, the data entries needed to assign a timeout of 2 seconds are "blank" and "8".

| CHIME TIMEOUT | ADDRESS 1418 | |
|-----------------------|-------------------------------|-------------------------------|
| ($\frac{1}{4}$ sec.) | <input type="text" value=""/> | <input type="text" value=""/> |

[Default = 2 $\frac{1}{4}$ sec. = $\frac{1}{2}$ sec.]

| CHIME TIMEOUT OPTIONS | | |
|--------------------------------|--------------------------------|---|
| DATA ENTRIES | | TIMEOUT |
| LEFT | RIGHT | |
| blank (•) | blank (•) | 0 x $\frac{1}{4}$ sec. = 0 sec. |
| blank (•) | 2 | 2 x $\frac{1}{4}$ sec. = $\frac{1}{2}$ sec. |
| blank (•) | 3 | 3 x $\frac{1}{4}$ sec. = $\frac{3}{4}$ sec. |
| blank (•) | 4 | 4 x $\frac{1}{4}$ sec. = 1 sec. |
| blank (•) | 5 | 5 x $\frac{1}{4}$ sec. = 1.25 sec. |
| blank (•) | 6 | 6 x $\frac{1}{4}$ sec. = 1.5 sec. |
| blank (•) | 7 | 7 x $\frac{1}{4}$ sec. = 1.75 sec. |
| blank (•) | 8 | 8 x $\frac{1}{4}$ sec. = 2 sec. |
| | | |
| <input type="text" value="F"/> | <input type="text" value="F"/> | 255 x $\frac{1}{4}$ sec. = 63.25 |

← 2 seconds

PROGRAM THE DATA ENTRIES

1. Enter the panel's Dealer Security Code, then press **[MENU]**.
2. Answer NO to all questions until "ACTIVATE PROGRAM Y/N" is displayed; then press YES. **NOTE:** If you pass "ACTIVATE PROGRAM Y/N", scroll backward using **[BYPASS]**.
3. Press **[RESET]** to enter the Address Program Mode. Address "0000" will display.
4. Press **[1] [4] [1] [8A]** to access Address 1418. *The existing data will display and the cursor will advance to the data field.*
5. Since you wish the timeout to be for 2 seconds (and 8 multiplied by ¼ second equals 2 seconds), press **[0] [8A]**. The numbers 08 will appear on the programmer display indicating the number of seconds entered.
6. Press **[SAVE]** to save. Address 1418 is now programmed with a 2-second chime.
7. Press **[MENU]** and enter another 4-digit address to continue programming --or-- press **[RESET]** to exit.

PROGRAMMING CONVENTIONS USED IN THIS MANUAL

The Programming Worksheets in the back are provided as an address-programming reference to help the installer modify his custom default program or to make minor field alterations to an existing panel program. It is recommended that the panel be uploaded to NAPCO's PCD-Windows software following any F-64PROG programmer changes and that the PCD-Windows's error-check feature be utilized to reduce the possibility of programming omissions or conflicts.

Keep the Programming Worksheets on file for future reference.

General Programming Steps

1. Contact the central station to ascertain receiver format, data format, event codes, subscriber numbers and telephone number(s).
2. Select the desired features by circling (with a pencil) the respective "address" boxes. Refer to the Programming Options and Worksheets for guidance in selecting the "data" to be entered into those boxes.
3. Program the data entered in the boxes on the worksheets into the respective addresses. The display will show the entry numerically, but if hexadecimal format will display "0" for the number 10, and letters "B", "C", "D", "E", and "F" for the numbers 11 through 15, respectively. To program a 10, press **[*] [0]**. To program 11 through 15, press **[*] [1]** through **[*] [5]**, respectively.

The displays will appear after a brief delay.

- Use **[MENU]** to toggle the cursor between the 4-digit address field and the data entry locations.
- Enter the address directly using the number buttons.
- The contents of the address will be read automatically. The cursor will advance to the data field. Enter the required data directly using the number buttons.
- IMPORTANT:** Press **[SAVE]** to save the contents of each address.

EXIT DIRECT ADDRESS PROGRAM MODE: When done, press **[RESET]** to exit. Disconnect the F-64PROG programmer and reconnect the Freedom Touchpad.

SYSTEM DELAYS & TIMEOUTS (ADDRESS 0000-0002, 1413, 1417, 2050 & 2055)

| EXIT DELAY (sec.) | ADDRESS 0000 | | |
|-------------------|--------------|--|--|
| | | | |

[Default = 060]

| ENTRY DELAY 1 (sec.) | ADDRESS 0001 | | |
|----------------------|--------------|--|--|
| | | | |

[Default = 030]

| ENTRY DELAY 2 (sec.) | ADDRESS 0002 | | |
|----------------------|--------------|--|--|
| | | | |

[Default = 030]

| PGM2 Output Access Cntrl Timeout (sec.) | ADDRESS 1413 | | |
|---|--------------|--|--|
| | | | |

[Default = 0 sec. = blank (*)]

| ABORT DELAY (sec.) | ADDRESS 1417 | | |
|--------------------|--------------|--|--|
| | | | |

[Default = 030]

 Select delay/timeout (0-255 sec.).

EXIT/ENTRY DELAYS: Apply only to zones programmed with the following options "Exit/Entry 1, Exit/Entry 2, Exit/Entry Follower". For UL Installations, the maximum exit delay is 60 seconds and the maximum entry delay is 45 seconds. **NOTE:** Sensor Watch Time Options are similar to above, except in hours.

 Press  to save.

| Sensor Watch Time (Hrs.) | ADDRESS 2050 | | |
|--------------------------|--------------|--|--|
| | | | |

[Default = 024]

| Report Cancel Window (min.) | ADDRESS 2055 | | |
|-----------------------------|--------------|--|--|
| | | | |

[Default = 0 min. = blank (*)]

WARNING: Timers have uncertainty of +/-1 sec, so a "time" of 1 second may actually timeout IMMEDIATELY.

SYSTEM DELAYS & TIMEOUTS (ADDRESS 1418-1419)

| CHIME TIME (%sec.) | ADDRESS 1418 | | |
|--------------------|--------------|--|--|
| | | | |

[Default = 008 x ¼ sec. = 2 sec.]

| AC Fail Report Delay (min.) | ADDRESS 1419 | | |
|-----------------------------|--------------|--|--|
| | | | |

[Default = 060]

DEFAULTS: The defaults shown on this page and on the following pages are automatically set after exiting the Easy Menu Driven Program Mode.

 1. Enter delay/timeout in corresponding address locations above.

Note: All entries for address 1418 are in quarter seconds (.25 seconds). Therefore, the default of 008 results in a 2 second timeout.

 2. Press  to save.

SYSTEM OUTPUT TIMEOUTS (ADDRESS 1412 & 1414-1416)

| | | | |
|------------------------|---------------------|--|--|
| PGM2 Output | ADDRESS 1412 | | |
| Timeout (min.) | | | |

[Default = 0 min. = blank (*)]

| | | | |
|-------------------------|---------------------|--|--|
| Alarm Output | ADDRESS 1414 | | |
| Timeout (min.) | | | |

[Default = 015]

| | | | |
|-------------------------------|---------------------|--|--|
| Pulse Alarm Output | ADDRESS 1415 | | |
| Timeout (min.) | | | |

[Default = 015]

| | | | |
|------------------------|---------------------|--|--|
| PGM1 Output | ADDRESS 1416 | | |
| Timeout (min.) | | | |

[Default = 0 min. = blank (*)]

| DATA ENTRIES | DELAY/TIMEOUT |
|--------------|---------------|
| blank (*) | 0 min. |
| 001 | 1 min. |
| 002 | 2 min. |
| 003 | 3 min. |
| 004 | 4 min. |
| 005 | 5 min. |
| 006 | 6 min. |
| 016 | 16 min. |
| ↓ | ↓ |
| 255 | 255 min. |

1. Select delay/timeout (0-255 min.) from the table shown.
2. Enter in corresponding address locations above.
3. Press to save.

OUTPUT TIMEOUTS: If a timeout of "0 min." is selected, then the output will remain active (ON) until the system is reset or disarmed. For UL Residential Installations, the minimum timeout is 4 minutes. Not UL listed for Commercial Installations. For Canadian Residential Fire, the minimum timeout is 5 minutes.

DOWNLOAD/CALLBACK OPTIONS (ADDRESS 2059 & 0526-0545)

| | | | |
|--|---------------------|--|--|
| No. Rings Before Pickup | ADDRESS 2059 | | |
| Timeout (min.) | | | |

[Default = 015]

NUMBER OF RINGS BEFORE PICKUP: Enter the number of rings before automatic pickup by the control panel when downloading from a computer (see Glossary at the back for more information).

1. Enter digit only.
2. Valid entries are: 003-015. **NOTE:** Default is 15 Rings.
3. Press to save.

| Callback Telephone Number (Digits 1-20) | ADDRESS 0526-0545 (RIGHT DIGITS 1-20) | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| (Digits 1-20) | 0526 | 0527 | 0528 | 0529 | 0530 | 0531 | 0532 | 0533 | 0534 | 0535 | 0536 | 0537 | 0538 | 0539 | 0540 | 0541 | 0542 | 0543 | 0544 | 0545 | |
| | | | | | | | | | | | | | | | | | | | | | |

[Default = blank (*) for all digits 1-20]

CALLBACK TELEPHONE NUMBER: Enter telephone number to be used when downloading from a computer (see Glossary at the back for more information).

1. Enter digit only (right nibble).
2. Enter up to 20 digits from left to right. **NOTE:** Leave trailing boxes blank (*).
3. Valid entries are: 1-9, B = , C = , D = 3 sec. pause, E = Wait for dial tone, F = ignore location.
4. Press to save.

PAGER FORMAT OPTIONS (ADDRESS 0546 & 0547)

| | |
|--|---------------------|
| Leading Digits for Pager Format (1st Digit) | ADDRESS 0546 |
| Timeout (min.) | |

| | |
|--|---------------------|
| Leading Digits for Pager Format (2nd Digit) | ADDRESS 0547 |
| Timeout (min.) | |

[Default = blank (*) blank (*)]

LEADING DIGITS FOR PAGER FORMAT: In Pager Format reporting, the message typically begins with "00". However, for some pager services, this will cause the Pager's Voice Mail feature to activate. This option allows you to program these digits to any number desired. A typical Pager report is "003 22 1234", where 3 is the Event, 22 is the zone, and 1234 is the Subscriber ID number. For example, if the Leading Digits are programmed as "98", the Pager report will now appear as "983 22 1234". **NOTE:** See CS Receiver Options to select Pager Format.

1. Enter in 1st and 2nd Leading Digits as shown (right nibble).
2. Valid entries are: 0-9. Press to save.

SYSTEM OPTIONS (ADDRESS 0836-0871 & 2045)

| SYSTEM RESPONSE ACTIVATED BY GLOBAL EVENT/TROUBLE | ADDR | GLOBAL SYSTEM EVENT/TROUBLE | | | | | | | |
|---|------|-----------------------------|---------------|------------------|----------------|-------------|---------|------------|-------------|
| | | TEST TIMER | TELCO FAILURE | RF RCVR. TROUBLE | MEMORY FAILURE | LOW BATTERY | AC FAIL | EZM TAMPER | Bell Superv |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Alarm Output | 0836 | | | | | | | | |
| Pulsed Alarm Output | 0837 | | | | | | | | |
| PGM1 Output | 0838 | | | | | | | | |
| PGM2 Output | 0839 | | | | | | | | |
| Report Event Telco 1 | 0840 | | | | | | | | |
| Report Restore Telco 1 | 0841 | | | | | | | | |
| Report Event Telco 3 | 0842 | | | | | | | | |
| Report Restore Telco 3 | 0843 | | | | | | | | |



[Default = blank (•) from address 0836-0843]. **Note:** If Test Timer is enabled (above), Digital Dialer Test is also enabled.



| SYSTEM RESPONSE ACTIVATED BY AREA 1 EVENT/TROUBLE | ADDR | AREA 1 SYSTEM EVENT/TROUBLE | | | | | | | |
|---|------|-----------------------------|--------------|-------------|--------------|---------------|--------------|---------------|-----------------|
| | | AMBUSH | KEYPAD PANIC | KEYPAD FIRE | KEYPAD AUX.* | KEYPAD TAMPER | FAIL TO OPEN | FAIL TO CLOSE | Keyfob Low Batt |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Pulsed Alarm Output | 0856 | | | | | | | | |
| Alarm Output | 0857 | | | | | | | | |
| PGM1 Output | 0858 | | | | | | | | |
| PGM2 Output | 0860 | | | | | | | | |
| Report Event Telco 1 | 0861 | | | | | | | | |
| Report Event Telco 3 | 0863 | | | | | | | | |

[Default = blank (•) from address 0856-0863] * **NOTE:** Keypad Aux. is not to be selected for UL Installations.

| SYSTEM RESPONSE ACTIVATED BY AREA 2 EVENT/TROUBLE | ADDR | AREA 2 SYSTEM EVENT/TROUBLE | | | | | | | |
|---|------|-----------------------------|--------------|-------------|--------------|---------------|--------------|---------------|-----------------|
| | | AMBUSH | KEYPAD PANIC | KEYPAD FIRE | KEYPAD AUX.* | KEYPAD TAMPER | FAIL TO OPEN | FAIL TO CLOSE | Keyfob Low Batt |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Pulsed Alarm Output | 0864 | | | | | | | | |
| Alarm Output | 0865 | | | | | | | | |
| PGM1 Output | 0866 | | | | | | | | |
| PGM2 Output | 0868 | | | | | | | | |
| Report Event Telco 1 | 0869 | | | | | | | | |
| Report Event Telco 3 | 0871 | | | | | | | | |

[Default = blank (•) blank (•) from address 0864-0871] * **NOTE:** Keypad Aux. is not to be selected for UL Installations.

-  1. Select the desired option entering the option number (1-8) for each digit.
-  2. Enter corresponding option number in address location.

 **NOTE:** Dark shaded data value box shows option not available. Press  to save.

| Global Ambush Code | ADDRESS 2045 | |
|--------------------|--------------|-----------|
| | 1st digit | 2nd digit |
| | | |

[Default = blank (•) blank (•)]

GLOBAL AMBUSH CODE: For GEM-K Series keypads, it is the 2-digits entered immediately prior to the regular disarm code. If "Enable Global Ambush Code" (Address 1422) is selected and Address 2045 is left blank (•), then the 2-digit Global Ambush Code is "99". If "Enable Global Ambush Code" is selected and Address 2045 is **not** left blank (•), then the 2-digit Global Ambush Code is the two digits entered in address 2045. For Touchpads, see "Ambush" glossary entry in install instructions WI1501. Enter in address location (both 1st and 2nd digits); valid entries are 1-9. Press **ENTER** to save. **Note:** Do not program in CP-01 compliant systems.



SYSTEM OPTIONS (ADDRESS 0872-0887)

| SYSTEM RESPONSE ACTIVATED BY AREA 3 EVENT/TROUBLE | ADDR | AREA 3 SYSTEM EVENT/TROUBLE | | | | | | | |
|---|------|-----------------------------|--------------|-------------|---------------|---------------|--------------|---------------|-----------------|
| | | AMBUSH | KEYPAD PANIC | KEYPAD FIRE | KEYPAD AUX. * | KEYPAD TAMPER | FAIL TO OPEN | FAIL TO CLOSE | Keyfob Low Batt |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Pulsed Alarm Output | 0872 | | | | | | | | |
| Alarm Output | 0873 | | | | | | | | |
| PGM1 Output | 0874 | | | | | | | | |
| PGM2 Output | 0876 | | | | | | | | |
| Report Event Telco 1 | 0877 | | | | | | | | |
| Report Event Telco 3 | 0879 | | | | | | | | |

[Default = blank (*) from address 0872-0879] * **NOTE:** Keypad Aux. is not to be selected for UL Installations.

| SYSTEM RESPONSE ACTIVATED BY AREA 4 EVENT/TROUBLE | ADDR | AREA 4 SYSTEM EVENT/TROUBLE | | | | | | | |
|---|------|-----------------------------|--------------|-------------|---------------|---------------|--------------|---------------|-----------------|
| | | AMBUSH | KEYPAD PANIC | KEYPAD FIRE | KEYPAD AUX. * | KEYPAD TAMPER | FAIL TO OPEN | FAIL TO CLOSE | Keyfob Low Batt |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Pulsed Alarm Output | 0880 | | | | | | | | |
| Alarm Output | 0881 | | | | | | | | |
| PGM1 Output | 0882 | | | | | | | | |
| PGM2 Output | 0884 | | | | | | | | |
| Report Event Telco 1 | 0885 | | | | | | | | |
| Report Event Telco 3 | 0887 | | | | | | | | |

[Default = blank (*) blank (*) from address 0880-0887] * **NOTE:** Keypad Aux. is not to be selected for UL Installations.

1. Select the desired option entering the option number (1-8) for each digit.
2. Enter corresponding option number in address location.

NOTE: Dark shaded data value box shows option not available. Press to save.

SYSTEM OPTIONS (ADDRESS 2063)

| 2063 | System Options | |
|---------|----------------|--|
| Default | | Option |
| OFF | 1 | RESERVED |
| OFF | 2 | RESERVED |
| OFF | 3 | RESERVED |
| OFF | 4 | RESERVED |
| OFF | 5 | RESERVED |
| OFF | 6 | RESERVED |
| OFF | 7 | Enable Low Security Fire Alarm Silence |
| OFF | 8 | RESERVED |

SYSTEM OPTIONS:

When option 7, "Enable Low Security Fire Alarm Silence", is enabled, a fire alarm (pulsing Bell) will silence if **RESET** is pressed from a Freedom Touchpad (or GEM-K1CA keypad). The Touchpad must be in an area that the allows silencing from the initiating area.

1. Select the desired option entering the option number (1-8) for each digit.
2. Enter corresponding option number in address location.

NOTE: Dark shaded data value box shows option not available. Press **Enter** to save.

SYSTEM OPTIONS (ADDRESS 1420-1424, 2051-2054)

| 1420 System Options | | |
|---------------------|---|---|
| Default | | Option |
| OFF | 1 | Opening Report Only after Alarm Report |
| OFF | 2 | Closing Report Only on Conditional Close |
| OFF | 3 | Incl. Sel./Grp. Bypass in Cond. Close /Status |
| OFF | 4 | Status Report |
| OFF | 5 | RESERVED |
| OFF | 6 | Enable AutoArm if not closed at end of Window |
| OFF | 7 | Enable Keypad Time/Date Display |
| OFF | 8 | Disable Zone Fault Scrolling |

| 1422 System Options | | |
|---------------------|---|---|
| Default | | Option |
| OFF | 1 | Interior Normally Bypassed |
| OFF | 2 | Enable Global Ambush Code *** |
| OFF | 3 | Reset Day Zone with Arm/Disarm Only |
| OFF | 4 | Enable Residential Fire |
| OFF | 5 | Disable Keypad Function Mode Download |
| OFF | 6 | Disable Callback Download |
| OFF | 7 | Chirp Output on Keyfob Arm/Disarm |
| OFF | 8 | Change Pulse Output to Temporal Output [§] |

[§]This feature must be programmed in Fire Alarm applications.

| 1424 System Options | | |
|---------------------|---|--|
| Default | | Option |
| OFF | 1 | Automatic Interior Bypass/Easy Exit |
| OFF | 2 | Veri-phone Zones Trip PGM2 Output |
| OFF | 3 | Veri-phone Audio Priority Over Alarms |
| OFF | 4 | Resound on Wireless Smoke Low Battery |
| OFF | 5 | Don't Clear PGM2 Output with Disarm |
| OFF | 6 | Disable 2nd Call Ans. Machine Override |
| OFF | 7 | RESERVED |
| ON | 8 | Disable Code Required for EZ Bypass |

| 2052 E15 Lug / System Options | | |
|-------------------------------|---|--|
| Default | | Option |
| OFF | 1 | RESERVED |
| OFF | 2 | RESERVED |
| OFF | 3 | <input checked="" type="checkbox"/> Lug E15 Area 1 Armed Away Only**** |
| OFF | 4 | <input checked="" type="checkbox"/> PGM on RF Transmitter Tamper |
| OFF | 5 | RESERVED |
| OFF | 6 | RESERVED |
| OFF | 7 | RESERVED |
| OFF | 8 | RESERVED |

***NOTE:** Address 1423: Default depends on Easy Menu Driven Program Mode question :“EZ_ZONE DOUBLING? Y/N”. If yes, then [Default = 1]. If no, then [Default = blank (•)].

****NOTE:** To select “Line-Fault Test only when Armed”, you must also select “Enable Line-Fault Test” at address 1423.

*****NOTE:** If “Enable Global Ambush Code” in Address 1422 is selected, then program the 2-digit “Global Ambush Code” in Address 2045. If Address 2045 is left blank (•), then, the 2-digit “Global Ambush Code” will be “99”.

******NOTE:** If this feature is not selected, the E15 Lug will, by default, activate when the system is armed (all areas).

| 1421 System Options | | |
|---------------------|---|---|
| Default | | Option |
| OFF | 1 | Auto Bell Test on Arming |
| OFF | 2 | Auto Reset after Burglary Output Timeout |
| OFF | 3 | Suppress Bypass Reminder when Armed |
| OFF | 4 | Enable Local Alarm on First Zone AND Trip |
| OFF | 5 | Access Control on PGM2 Output |
| OFF | 6 | Maintained Keyswitch Arming |
| OFF | 7 | Enable Manager's Mode |
| OFF | 8 | Disable Keypad Instant Mode |

| 1423 System Options | | |
|---------------------|---|--|
| Default* | | Option |
| OFF* | 1 | Enable Zone Doubling (Zones 9-16) |
| OFF* | 2 | Wireless Trouble Activates Telco 1 |
| OFF* | 3 | Wireless Trouble Activates Telco 3 |
| OFF* | 4 | Enable Alarm Output on Telco Fail only when Armed |
| OFF* | 5 | Line-Fault Test only when Armed** |
| OFF* | 6 | Enable Line-Fault Test** |
| OFF* | 7 | <input checked="" type="checkbox"/> Inhibit System Trouble Audible at Keypad |
| OFF* | 8 | Select Alarm Output for Keyfob Chirp |

Not for UL Installations.

| 2051 System Options | | |
|---------------------|---|--|
| Default | | Option |
| OFF | 1 | Enable Keypad Set Time/Date Message |
| OFF | 2 | Enable Cancel Report to Telco 3 |
| OFF | 3 | Disable [ON/OFF] as Easy Exit |
| OFF | 4 | Enable GEM-PRINT Module |
| OFF | 5 | RESERVED |
| OFF | 6 | RESERVED |
| OFF | 7 | <input checked="" type="checkbox"/> Disable System Trouble Audible Timeout |
| OFF | 8 | Enable "K Series" Style Keypads †† |

†† NOTE: For reference only and cannot be changed.
NOTE: Option 7 required for UL Installations

| 2053 System Options | | |
|---------------------|---|--|
| Default | | Option |
| OFF | 1 | Exit Time Restart |
| OFF | 2 | Sound Alarm On Exit Error |
| OFF | 3 | Rpt Exit Err/Recent Close |
| OFF | 4 | Enable CP-01 Limits |
| OFF | 5 | Digital Dialer Rpt Enter /Exit Test Mode |
| OFF | 6 | Disable Call Waiting on 1st Attempt |
| OFF | 7 | Enable Keypad 1 Only Programming |
| OFF | 8 | Enable CP-01 Egress Tones Only |

| 2054 System Options | | |
|---------------------|---|--|
| Default | | Option |
| OFF | 1 | <input checked="" type="checkbox"/> Enable TCP/IP Communications |
| OFF | 2 | RESERVED |
| OFF | 3 | RESERVED |
| OFF | 4 | RESERVED |
| OFF | 5 | RESERVED |
| OFF | 6 | RESERVED |
| OFF | 7 | RESERVED |
| OFF | 8 | RESERVED |



CS RECEIVER OPTIONS (ADDRESS 0460-0525)

| | | |
|-------------------------|--------------|--|
| CS Receiver 1 Format | ADDRESS 0460 | |
| | | |

| | | |
|-------------------------|--------------|--|
| CS Receiver 2 Format | ADDRESS 0482 | |
| | | |

| | | |
|-------------------------|--------------|--|
| CS Receiver 3 Format | ADDRESS 0504 | |
| | | |

| DATA ENTRY | CS RECEIVER 1 FORMAT |
|------------|---------------------------------|
| blank (*) | Ademco Slow, Silent Knight Slow |
| 2 | Radionics Fast |
| 3 | Silent Knight Fast |
| 4 | Radionics, DCI, Franklin Slow |
| 5 | Universal High Speed |
| B | SIA |
| C | Ademco Point ID |
| E | Pager * |

Default for CS Receiver 1 Format depends on Easy Menu Driven Program Mode question "RCVR FORMAT".
[Default = *(blank) *(blank)] for CS Receivers 2 and 3 Formats.

CS RECEIVER FORMATS: Up to 3 CS Formats may be programmed.

1. Select the desired CS Receiver Format from the table shown.
2. Enter the corresponding digit in the address location for each CS Receiver. **NOTE:** Dark shaded data value box shows option not available. Press [Enter] to save.

NOTE: * See Pager Format Options to program Leading Digits for Pager Format.

| 0461 | CS Receiver Options - Telco 1 | |
|---------|-------------------------------|-----------------------------------|
| Default | | Option |
| OFF | 1 | 1400Hz Handshake/Kissoff * |
| OFF | 2 | 2300Hz Handshake/Kissoff * |
| OFF | 3 | Enable Zone Number on Pulse Alarm |
| OFF | 4 | Single Digit Only |
| OFF | 5 | Sum Check |
| OFF | 6 | 3/1 with Extended Restores |
| OFF | 7 | RESERVED |
| OFF | 8 | RESERVED |

| 0483 | CS Receiver Options - Telco 2 | |
|---------|-------------------------------|-----------------------------------|
| Default | | Option |
| OFF | 1 | 1400Hz Handshake/Kissoff * |
| OFF | 2 | 2300Hz Handshake/Kissoff * |
| OFF | 3 | Enable Zone Number on Pulse Alarm |
| OFF | 4 | Single Digit Only |
| OFF | 5 | Sum Check |
| OFF | 6 | 3/1 with Extended Restores |
| OFF | 7 | RESERVED |
| OFF | 8 | RESERVED |

| 0505 | CS Receiver Options - Telco 3 | |
|---------|-------------------------------|-----------------------------------|
| Default | | Option |
| OFF | 1 | 1400Hz Handshake/Kissoff * |
| OFF | 2 | 2300Hz Handshake/Kissoff * |
| OFF | 3 | Enable Zone Number on Pulse Alarm |
| OFF | 4 | Single Digit Only |
| OFF | 5 | Sum Check |
| OFF | 6 | 3/1 with Extended Restores |
| OFF | 7 | RESERVED |
| OFF | 8 | RESERVED |

CS RECEIVER OPTIONS:

Select options for any of the three CS Receivers.

1. Select the desired option entering the option number (1-8) for each digit.
2. Enter corresponding option number in address location.

NOTE: Dark shaded data value box shows option not available. Press [Enter] to save.

***NOTE:** If both are selected, 1400Hz has priority over 2300Hz.

| CS Receiver 1 | ADDRESS 0462-0481 (RIGHT DIGITS 1-20) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Telephone Number | 0462 | 0463 | 0464 | 0465 | 0466 | 0467 | 0468 | 0469 | 0470 | 0471 | 0472 | 0473 | 0474 | 0475 | 0476 | 0477 | 0478 | 0479 | 0480 | 0481 |
| (Digits 1-20) | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

| CS Receiver 2 | ADDRESS 0484-0503 (RIGHT DIGITS 1-20) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Telephone Number | 0484 | 0485 | 0486 | 0487 | 0488 | 0489 | 0490 | 0491 | 0492 | 0493 | 0494 | 0495 | 0496 | 0497 | 0498 | 0499 | 0500 | 0501 | 0502 | 0503 |
| (Digits 1-20) | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

| CS Receiver 3 | ADDRESS 0506-0525 (RIGHT DIGITS 1-20) | | | | | | | | | | | | | | | | | | | |
|------------------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Telephone Number | 0506 | 0507 | 0508 | 0509 | 0510 | 0511 | 0512 | 0513 | 0514 | 0515 | 0516 | 0517 | 0518 | 0519 | 0520 | 0521 | 0522 | 0523 | 0524 | 0525 |
| (Digits 1-20) | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

Default for CS Receiver 1 Telephone Number depends on Easy Menu Driven Program Mode question "CENTRAL PHONE #".

[Default = blank (*)] across digits 1-20 for CS Receiver Telephone Numbers 2 and 3.

CS RECEIVER TELEPHONE NUMBERS: Enter telephone numbers for any of the three CS Receivers (Telco 1, 2 & 3).

1. Enter digit only.
2. Enter up to 20 digits from left to right. **NOTE:** Leave trailing boxes blank (*). Press [Enter] to save.
3. Valid entries are: 1-9, B = [*] button, C = [#] button, D = 3 sec. pause, E = Wait for dial tone, F = Ignore location

CS SUBSCRIBER ID OPTIONS (ADDRESS 0560-0667)

| | | | | |
|---|---|------|------|------|
| CS Telco 1 Subscriber Opening/ Closing ID Number (Area 1) | ADDRESS 0560-0563 (RIGHT DIGITS 1-4) | | | |
| | 0560 | 0561 | 0562 | 0563 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 1 Subscriber Opening/ Closing ID Number (Area 2) | ADDRESS 0564-0567 (RIGHT DIGITS 1-4) | | | |
| | 0564 | 0565 | 0566 | 0567 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 1 Subscriber Opening/ Closing ID Number (Area 3) | ADDRESS 0568-0571 (RIGHT DIGITS 1-4) | | | |
| | 0568 | 0569 | 0570 | 0571 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 1 Subscriber Opening/ Closing ID Number (Area 4) | ADDRESS 0572-0575 (RIGHT DIGITS 1-4) | | | |
| | 0572 | 0573 | 0574 | 0575 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 1 Subscriber Event ID Number (Area 1) | ADDRESS 0576-0579 (RIGHT DIGITS 1-4) | | | |
| | 0576 | 0577 | 0578 | 0579 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 1 Subscriber Event ID Number (Area 2) | ADDRESS 0580-0583 (RIGHT DIGITS 1-4) | | | |
| | 0580 | 0581 | 0582 | 0583 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 1 Subscriber Event ID Number (Area 3) | ADDRESS 0584-0587 (RIGHT DIGITS 1-4) | | | |
| | 0584 | 0585 | 0586 | 0587 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 1 Subscriber Event ID Number (Area 4) | ADDRESS 0588-0591 (RIGHT DIGITS 1-4) | | | |
| | 0588 | 0589 | 0590 | 0591 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 1 Subscriber Event ID Number (System) | ADDRESS 0592-0595 (RIGHT DIGITS 1-4) | | | |
| | 0592 | 0593 | 0594 | 0595 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 2 Subscriber Opening/ Closing ID Number (Area 1) | ADDRESS 0596-0599 (RIGHT DIGITS 1-4) | | | |
| | 0596 | 0597 | 0598 | 0599 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 2 Subscriber Opening/ Closing ID Number (Area 2) | ADDRESS 0600-0603 (RIGHT DIGITS 1-4) | | | |
| | 0600 | 0601 | 0602 | 0603 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 2 Subscriber Opening/ Closing ID Number (Area 3) | ADDRESS 0604-0607 (RIGHT DIGITS 1-4) | | | |
| | 0604 | 0605 | 0606 | 0607 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 2 Subscriber Opening/ Closing ID Number (Area 4) | ADDRESS 0608-0611 (RIGHT DIGITS 1-4) | | | |
| | 0608 | 0609 | 0610 | 0611 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 2 Subscriber Event ID Number (Area 1) | ADDRESS 0612-0615 (RIGHT DIGITS 1-4) | | | |
| | 0612 | 0613 | 0614 | 0615 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 2 Subscriber Event ID Number (Area 2) | ADDRESS 0616-0619 (RIGHT DIGITS 1-4) | | | |
| | 0616 | 0617 | 0618 | 0619 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 2 Subscriber Event ID Number (Area 3) | ADDRESS 0620-0623 (RIGHT DIGITS 1-4) | | | |
| | 0620 | 0621 | 0622 | 0623 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 2 Subscriber Event ID Number (Area 4) | ADDRESS 0624-0627 (RIGHT DIGITS 1-4) | | | |
| | 0624 | 0625 | 0626 | 0627 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 2 Subscriber Event ID Number (System) | ADDRESS 0628-0631 (RIGHT DIGITS 1-4) | | | |
| | 0628 | 0629 | 0630 | 0631 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 3 Subscriber Opening/ Closing ID Number (Area 1) | ADDRESS 0632-0635 (RIGHT DIGITS 1-4) | | | |
| | 0632 | 0633 | 0634 | 0635 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 3 Subscriber Opening/ Closing ID Number (Area 2) | ADDRESS 0636-0639 (RIGHT DIGITS 1-4) | | | |
| | 0636 | 0637 | 0638 | 0639 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 3 Subscriber Opening/ Closing ID Number (Area 3) | ADDRESS 0640-0643 (RIGHT DIGITS 1-4) | | | |
| | 0640 | 0641 | 0642 | 0643 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 3 Subscriber Opening/ Closing ID Number (Area 4) | ADDRESS 0644-0647 (RIGHT DIGITS 1-4) | | | |
| | 0644 | 0645 | 0646 | 0647 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 3 Subscriber Event ID Number (Area 1) | ADDRESS 0648-0651 (RIGHT DIGITS 1-4) | | | |
| | 0648 | 0649 | 0650 | 0651 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 3 Subscriber Event ID Number (Area 2) | ADDRESS 0652-0655 (RIGHT DIGITS 1-4) | | | |
| | 0652 | 0653 | 0654 | 0655 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 3 Subscriber Event ID Number (Area 3) | ADDRESS 0656-0659 (RIGHT DIGITS 1-4) | | | |
| | 0656 | 0657 | 0658 | 0659 |
| | | | | |

| | | | | |
|---|---|------|------|------|
| CS Telco 3 Subscriber Event ID Number (Area 4) | ADDRESS 0660-0663 (RIGHT DIGITS 1-4) | | | |
| | 0660 | 0661 | 0662 | 0663 |
| | | | | |


| | | | | |
|---|---|------|------|------|
| CS Telco 3 Subscriber Event ID Number (System) | ADDRESS 0664-0667 (RIGHT DIGITS 1-4) | | | |
| | 0664 | 0665 | 0666 | 0667 |
| | | | | |

Default for CS Telco 1 Subscriber Event ID Number (Area 1) depends on Easy Menu Driven Program Mode question "ACCOUNT #". [Default = blank (*) blank (*) blank (*) blank (*)] for all other ID Numbers.

CS TELCO SUBSCRIBER ID NUMBERS: Enter the Subscriber Opening/Closing and Event ID Numbers for any of the 3 CS Receivers.

 1. Enter 3 or 4 digits (depending on the CS receiver format) for each subscriber number from left to right.

NOTE: Leave trailing boxes blank (*).

 2. Valid entries are: 1-9, 0 and B-F. **NOTE:** A is not permitted. Press [Enter] or ON/OFF] to save.



CS SYSTEM REPORTING OPTIONS (ADDRESS 0670-0705)

| CS SYSTEM | ADDRESS 0670-0682 | |
|---------------------|-------------------|--|
| | ADDR | |
| Alarm Restore | blank (*) | 0670 |
| Trouble | blank (*) | 0671 |
| Trouble Restore | blank (*) | 0672 |
| Xmitter Low Battery | blank (*) | 0673 |
| Xmitter Supervision | blank (*) | 0674 |
| Xmitter Tamper | blank (*) | 0675 |
| RESERVED | blank (*) | 0676 blank (*) |
| Opening | blank (*) | 0677 |
| Closing | blank (*) | 0678 |
| Opening after Alarm | blank (*) | 0679 |
| Conditional Close | blank (*) | 0680 |
| Cancel | blank (*) | 0681 |
| Test Timer | | 0682 |

| CS SYSTEM | ADDRESS 0683-0708 | |
|----------------------|-------------------|------|
| | ADDR | |
| Telco Fail | | 0683 |
| RF Rec. Trouble | | 0684 |
| Memory Fail | | 0685 |
| Low Battery | | 0686 |
| Panel AC Fail | | 0687 |
| EZM Tamper | | 0688 |
| Alarm Output Superv. | | 0689 |
| Ambush | | 0698 |
| Panic | | 0699 |
| Fire | | 0700 |
| Auxiliary * | | 0701 |
| Tamper | | 0702 |
| Fail to Open | | 0703 |
| Fail to Close | | 0704 |
| Keyfob Low Battery | | 0705 |

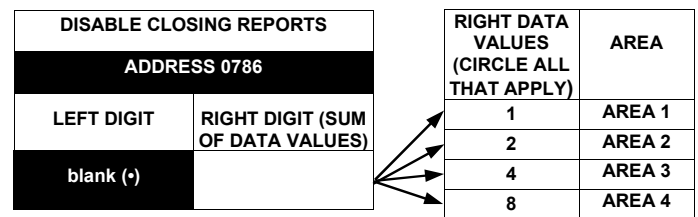
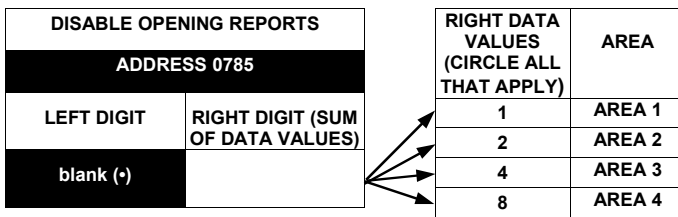
CS SYSTEM REPORTING CODES:

1. Enter in corresponding address location (left and right digits).
NOTE: Left digit is the first digit and right digit is the second digit in a two digit CS receiver format.
 2. Valid entries are: 1-9, 0 and B-F.
NOTE: A is not permitted.
 3. To disable a code leave boxes blank (*).
NOTE: Dark shaded data value box shows option not available.
 4. Press to save.
- * NOTE:** Keypad Aux. is not to be selected for UL Installations.

[Default = blank (*) blank (*) from address 0670-0682]
[Default = blank (*) blank (*) from address 0683-0705]

DIRECT ADDRESS PROGRAM MODE

CS AREA & SYSTEM REPORTING OPTIONS (ADDRESS 0785, 0786 & 0788)



[Default = blank (*) blank (*)]

[Default = blank (*) blank (*)]

OPENING REPORT OPTIONS:

1. Select the desired option by circling the data values for each digit (left and right).
2. Add the data values (ex: F=15=(1+2+4+8) from the selected options. See page 13).
3. Enter in address location (left and right digits).

NOTE: Dark shaded data value box shows option not available. Press to save.

| 0788 | CS System Report Options | |
|---------|--------------------------|---|
| Default | | Option |
| OFF | 1 | Backup Report on Telco 1 & 2 |
| OFF | 2 | Touch-tone Dialing Only * |
| OFF | 3 | Touch-tone Dialing w/Rotary Backup * |
| OFF | 4 | RESERVED |
| OFF | 5 | Cancel Next Test Timer on any Report |
| OFF | 6 | Disable Wait for Silence (Pager Format) |
| OFF | 7 | Disable Wait for Handshake on Transmit |
| OFF | 8 | Disable Auto Dial Tone Detect |

CS SYSTEM REPORTING OPTIONS:

1. Select the desired option entering the option number (1-8) for each digit.
2. Enter corresponding option number in address location.

NOTE: Dark shaded data value box shows option not available.

3. Press to save.

*** NOTE:** If neither Touch-tone Dialing nor Touch-tone w/Rotary Backup is selected, then system defaults automatically to Rotary Dialing. Leave blank (*) to select Rotary Dialing.



CS ZONE REPORTING OPTIONS (ADDRESS 0720-0783)

| ADDRESS 0720-0727 | | | | | | | |
|---------------------------------|--------|--------|--------|--------|--------|--------|--------|
| CONTROL PANEL ZONES REPORT CODE | | | | | | | |
| ZONE 1 | ZONE 2 | ZONE 3 | ZONE 4 | ZONE 5 | ZONE 6 | ZONE 7 | ZONE 8 |
| 0720 | 0721 | 0722 | 0723 | 0724 | 0725 | 0726 | 0727 |
| | | | | | | | |

| ADDRESS 0728-0731 | | | |
|-------------------|---------|---------|---------|
| ZONES REPORT CODE | | | |
| ZONE 9 | ZONE 10 | ZONE 11 | ZONE 12 |
| 0728 | 0729 | 0730 | 0731 |
| | | | |

| ADDRESS 0732-0735 | | | |
|-------------------|---------|---------|---------|
| ZONES REPORT CODE | | | |
| ZONE 13 | ZONE 14 | ZONE 15 | ZONE 16 |
| 0732 | 0733 | 0734 | 0735 |
| | | | |

| ADDRESS 0736-0739 | | | |
|-------------------|---------|---------|---------|
| ZONES REPORT CODE | | | |
| ZONE 17 | ZONE 18 | ZONE 19 | ZONE 20 |
| 0736 | 0737 | 0738 | 0739 |
| | | | |

| ADDRESS 0740-0743 | | | |
|-------------------|---------|---------|---------|
| ZONES REPORT CODE | | | |
| ZONE 21 | ZONE 22 | ZONE 23 | ZONE 24 |
| 0740 | 0741 | 0742 | 0743 |
| | | | |

| ADDRESS 0744-0747 | | | |
|-------------------|---------|---------|---------|
| ZONES REPORT CODE | | | |
| ZONE 25 | ZONE 26 | ZONE 27 | ZONE 28 |
| 0744 | 0745 | 0746 | 0747 |
| | | | |

| ADDRESS 0748-0751 | | | |
|-------------------|---------|---------|---------|
| ZONES REPORT CODE | | | |
| ZONE 29 | ZONE 30 | ZONE 31 | ZONE 32 |
| 0748 | 0749 | 0750 | 0751 |
| | | | |

| ADDRESS 0752-0759 | | | | | | | |
|---------------------------------|---------|---------|---------|---------|---------|---------|---------|
| CONTROL PANEL ZONES REPORT CODE | | | | | | | |
| ZONE 33 | ZONE 34 | ZONE 35 | ZONE 36 | ZONE 37 | ZONE 38 | ZONE 39 | ZONE 40 |
| 0752 | 0753 | 0754 | 0755 | 0756 | 0757 | 0758 | 0759 |
| | | | | | | | |

| ADDRESS 0760-0763 | | | |
|-------------------|---------|---------|---------|
| ZONES REPORT CODE | | | |
| ZONE 41 | ZONE 42 | ZONE 43 | ZONE 44 |
| 0760 | 0761 | 0762 | 0763 |
| | | | |

| ADDRESS 0764-0767 | | | |
|-------------------|---------|---------|---------|
| ZONES REPORT CODE | | | |
| ZONE 45 | ZONE 46 | ZONE 47 | ZONE 48 |
| 0764 | 0765 | 0766 | 0767 |
| | | | |

| ADDRESS 0768-0771 | | | |
|-------------------|---------|---------|---------|
| ZONES REPORT CODE | | | |
| ZONE 49 | ZONE 50 | ZONE 51 | ZONE 52 |
| 0768 | 0769 | 0770 | 0771 |
| | | | |

| ADDRESS 0772-0775 | | | |
|-------------------|---------|---------|---------|
| ZONES REPORT CODE | | | |
| ZONE 53 | ZONE 54 | ZONE 55 | ZONE 56 |
| 0772 | 0773 | 0774 | 0775 |
| | | | |

| ADDRESS 0776-0779 | | | |
|-------------------|---------|---------|---------|
| ZONES REPORT CODE | | | |
| ZONE 57 | ZONE 58 | ZONE 59 | ZONE 60 |
| 0776 | 0777 | 0778 | 0779 |
| | | | |

| ADDRESS 0780-0783 | | | |
|-------------------|---------|---------|---------|
| ZONES REPORT CODE | | | |
| ZONE 61 | ZONE 62 | ZONE 63 | ZONE 64 |
| 0780 | 0781 | 0782 | 0783 |
| | | | |

Default for Group Zone Report Codes depends on Easy Menu Driven Program Mode question "RCVR. FORMAT".


| ZONE REPORT CODE OPTIONS |
|--------------------------|
| DATA ENTRIES |
| |

NOTE: If "Zone Doubling" (Address 1423) is **not** enabled, then Zones 1-8 are included in the control panel and Zones 9-64 are EZM Zones. If "Zone Doubling" is enabled, then Zones 1-16 are included in the control panel and Zones 17-64 are EZM Zones. See Address 1455-1468 to enable "EZM Group Options".

| DATA ENTRIES LEFT | MODEM CODE |
|-------------------|-------------------|
| 1 | Fire |
| 2 | Panic |
| 3 | Burglary |
| 4 | Hold up |
| 7 | Gas Alarm |
| 8 | Heat Alarm |
| 0 | Auxiliary Alarm |
| B | 24 Hour Auxiliary |

PULSE EVENT CODE will be the first digit of the 2 digit reporting code. The second digit will be the second digit of the reporting zone. For example, for zone 9 (address 0728), if the right digit is "3", then the reporting code is "39". For example, for zone 15 (address 0734), if the right digit is "4", then the reporting code is "45".

MODEM CODES determine the zone types reported for the following formats: SIA and ADEMCO Point ID.

1. Select the desired Modem Code for each zone from the table shown.
2. Press  to save.

DIRECT ADDRESS PROGRAM MODE



CS USER REPORTING OPTIONS (ADDRESS 0800-0835)

DIRECT ADDRESS PROGRAM MODE

| Enable Users to Report Opening and Closings | ADDR | USERS 1 → 8 | | | | | | | | ADDR | USERS 9 → 16 | | | | | | | |
|---|------|-------------|----|----|----|----|----|----|----|------|--------------|-----|-----|-----|-----|-----|-----|-----|
| | | U1 | U2 | U3 | U4 | U5 | U6 | U7 | U8 | | U9 | U10 | U11 | U12 | U13 | U14 | U15 | U16 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Enable Opening Report, Telco 1 | 0800 | | | | | | | | | 0801 | | | | | | | | |
| Enable Closing Report, Telco 1 | 0809 | | | | | | | | | 0810 | | | | | | | | |
| Enable Opening Report, Telco 3 | 0818 | | | | | | | | | 0819 | | | | | | | | |
| Enable Closing Report, Telco 3 | 0827 | | | | | | | | | 0828 | | | | | | | | |

| Enable Users to Report Opening and Closings | ADDR | USERS 17 → 24 | | | | | | | | ADDR | USERS 25 → 32 | | | | | | | |
|---|------|---------------|-----|-----|-----|-----|-----|-----|-----|------|---------------|-----|-----|-----|-----|-----|-----|-----|
| | | U17 | U18 | U19 | U20 | U21 | U22 | U23 | U24 | | U25 | U26 | U27 | U28 | U29 | U30 | U31 | U32 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Enable Opening Report, Telco 1 | 0802 | | | | | | | | | 0803 | | | | | | | | |
| Enable Closing Report, Telco 1 | 0811 | | | | | | | | | 0812 | | | | | | | | |
| Enable Opening Report, Telco 3 | 0820 | | | | | | | | | 0821 | | | | | | | | |
| Enable Closing Report, Telco 3 | 0829 | | | | | | | | | 0830 | | | | | | | | |

| Enable Users to Report Opening and Closings | ADDR | USERS 33 → 40 | | | | | | | | ADDR | USERS 41 → 48 | | | | | | | |
|---|------|---------------|-----|-----|-----|-----|-----|-----|-----|------|---------------|-----|-----|-----|-----|-----|-----|-----|
| | | U33 | U34 | U35 | U36 | U37 | U38 | U39 | U40 | | U41 | U42 | U43 | U44 | U45 | U46 | U47 | U48 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Enable Opening Report, Telco 1 | 0804 | | | | | | | | | 0805 | | | | | | | | |
| Enable Closing Report, Telco 1 | 0813 | | | | | | | | | 0814 | | | | | | | | |
| Enable Opening Report, Telco 3 | 0822 | | | | | | | | | 0823 | | | | | | | | |
| Enable Closing Report, Telco 3 | 0831 | | | | | | | | | 0832 | | | | | | | | |

| Enable Users to Report Opening and Closings | ADDR | USERS 49 → 56 | | | | | | | | ADDR | USERS 57 → 64 | | | | | | | |
|---|------|---------------|-----|-----|-----|-----|-----|-----|-----|------|---------------|-----|-----|-----|-----|-----|-----|-----|
| | | U49 | U50 | U51 | U52 | U53 | U54 | U55 | U56 | | U57 | U58 | U59 | U60 | U61 | U62 | U63 | U64 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Enable Opening Report, Telco 1 | 0806 | | | | | | | | | 0807 | | | | | | | | |
| Enable Closing Report, Telco 1 | 0815 | | | | | | | | | 0816 | | | | | | | | |
| Enable Opening Report, Telco 3 | 0824 | | | | | | | | | 0825 | | | | | | | | |
| Enable Closing Report, Telco 3 | 0833 | | | | | | | | | 0834 | | | | | | | | |

| Enable Users to Report Opening and Closings | ADDR | USERS 65 → 68 | | | | | | | | ADDR | | | | | | | | |
|---|------|---------------|-----|-----|-----|---|---|---|---|------|---|--|--|--|--|--|--|--|
| | | U65 | U66 | U67 | U68 | | | | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | | | |
| Enable Opening Report, Telco 1 | 0808 | | | | | | | | | | User 65 = Auto Arming/Disarming User 66 = Quickloader Remote Arming/Disarming User 67 = Easy Arming (Opening not applicable) User 68 = Keypad Arming NOTE: These opening events will report as the User Number shown. Also, Keyfobs 1-8 (see Easy Menu Driven Program Mode) will report as Users 57-64, respectively. Freedom Touchpads 1-4 will report opening as Users 51-54 and will report closing as Easy Arming User 67, respectively. | | | | | | | |
| Enable Closing Report, Telco 1 | 0817 | | | | | | | | | | | | | | | | | |
| Enable Opening Report, Telco 3 | 0826 | | | | | | | | | | | | | | | | | |
| Enable Closing Report, Telco 3 | 0835 | | | | | | | | | | | | | | | | | |

CS USER REPORTING OPTIONS: [Default = blank (•) from address 0800-0835]

1. Select the desired option entering the option number (1-8) for each digit.
2. At the F-64PROG programmer, enter corresponding option number in address location. **NOTE:** Dark shaded data value box shows option not available.
3. Press to save.

EZM GROUP OPTIONS (ADDRESS 1455-1468)

| | | | | | |
|-------------------------------------|-------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| EZM Group 1 ADDRESS 1455 | EZM Group 2 ADDRESS 1456 | EZM Group 3 ADDRESS 1457 | EZM Group 4 ADDRESS 1458 | EZM Group 5 ADDRESS 1459 | EZM Group 6 ADDRESS 1460 |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| EZM Group 7 ADDRESS 1461 | EZM Group 8 ADDRESS 1462 | EZM Group 9 ADDRESS 1463 | EZM Group 10 ADDRESS 1464 | EZM Group 11 ADDRESS 1465 | EZM Group 12 ADDRESS 1466 |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| EZM Group 13 ADDRESS 1467 | EZM Group 14 ADDRESS 1468 | | | | |
| <input type="text"/> | <input type="text"/> | | | | |

Default depends on Easy Menu Driven Program Mode question "# OF ZNS IN AREA 1 ENTER # ZONES" and "EZ ZONE DOUBLING? Y/N". For example, if 64 Zones are used and Zone Doubling is **not** enabled, then all 14 Groups will be automatically enabled. If 64 Zones are used and Zone Doubling is enabled, then only Groups 1-12 will be automatically enabled.


NOTE: If "Zone Doubling" (Address 1423, option 1) is **not** enabled, then Zones 1-8 are included in the control panel and Zones 9-64 (Groups 1-14) are EZM Zones. If "Zone Doubling" is enabled, then Zones 1-16 are included in the control panel and Zones 17-64 (Groups 1-12) are EZM Zones (and Groups 13 and 14 must not be used).

| EZM TYPE | | EZM GROUP | | ZONES COVERED | |
|--------------|------------------------------|-----------|---------|---------------|---------|
| DATA ENTRIES | OPTION | NORMAL | DOUBLED | NORMAL | DOUBLED |
| blank (*) | Not used (No EZM present) | 1 | 9-12 | 17-20 | 21-24 |
| 1 | 4-Zone EZM | 2 | 13-16 | 25-28 | 29-32 |
| | | 3 | 17-20 | 33-36 | 37-40 |
| | | 4 | 21-24 | 41-44 | 45-48 |
| | | 5 | 25-28 | 49-52 | 53-56 |
| | | 6 | 29-32 | 57-60 | 61-64 |
| | | 7 | 33-36 | | |
| | | 8 | 37-40 | | |
| | | 9 | 41-44 | | |
| | | 10 | 45-48 | | |
| | | 11 | 49-52 | | |
| | | 12 | 53-56 | | |
| | | 13 | 57-60 | | |
| | | 14 | 61-64 | | |

EZM GROUP OPTIONS: Up to 14 Groups of 4 Zones each may be programmed depending on the number of Zones used and which EZM modules are connected. Each Group represents 4 Zones.

1. Select EZM type from the table shown.
2. Enter either blank (*) or "1" in corresponding address locations above.

NOTE: Dark shaded data value box shows option not available.

3. Press  to save.

AREA ARMING OPTIONS (ADDRESS 1469-1472)

| | |
|-------------------------------|----------------------|
| Priority Arming Area 1 | ADDRESS 1469 |
| <input type="text"/> | <input type="text"/> |

[Default = blank (*)]

| | |
|-------------------------------|----------------------|
| Priority Arming Area 2 | ADDRESS 1470 |
| <input type="text"/> | <input type="text"/> |

[Default = blank (*)]

| | |
|-------------------------------|----------------------|
| Priority Arming Area 3 | ADDRESS 1471 |
| <input type="text"/> | <input type="text"/> |

[Default = blank (*)]

| | |
|-------------------------------|----------------------|
| Priority Arming Area 4 | ADDRESS 1472 |
| <input type="text"/> | <input type="text"/> |

[Default = blank (*)]


| PRIORITY ARMING/AREA 1 | |
|------------------------|----------|
| DATA ENTRIES | OPTION |
| blank (*) | Not Used |
| 1 | Enabled |

| PRIORITY ARMING/AREA 2 | |
|------------------------|----------|
| DATA ENTRIES | OPTION |
| blank (*) | Not Used |
| 1 | Enabled |

| PRIORITY ARMING/AREA 3 | |
|------------------------|----------|
| DATA ENTRIES | OPTION |
| blank (*) | Not Used |
| 1 | Enabled |

| PRIORITY ARMING/AREA 4 | |
|------------------------|----------|
| DATA ENTRIES | OPTION |
| blank (*) | Not Used |
| 1 | Enabled |

PRIORITY AREA ARMING:

1. Select option from the table shown.
2. Enter either blank (*) or "1" in corresponding address location.
NOTE: Dark shaded data value box shows option not available.
3. Press  to save.



AREA BELL CONTROL OPTIONS (ADDRESS 1473-1488)

| | | |
|---|---|----------------------------------|
| 1473 Burglary Output Turns Off upon Disarm | | |
| Default | | Option: Disarming Area 1: |
| ON | 1 | Area 1 Burg Output Silenced |
| OFF | 2 | Area 2 Burg Output Silenced |
| OFF | 3 | Area 3 Burg Output Silenced |
| OFF | 4 | Area 4 Burg Output Silenced |

| | | |
|---|---|----------------------------------|
| 1474 Burglary Output Turns Off upon Disarm | | |
| Default | | Option: Disarming Area 2: |
| ON | 1 | Area 1 Burg Output Silenced |
| OFF | 2 | Area 2 Burg Output Silenced |
| OFF | 3 | Area 3 Burg Output Silenced |
| OFF | 4 | Area 4 Burg Output Silenced |

| | | |
|---|---|----------------------------------|
| 1475 Burglary Output Turns Off upon Disarm | | |
| Default | | Option: Disarming Area 3: |
| ON | 1 | Area 1 Burg Output Silenced |
| OFF | 2 | Area 2 Burg Output Silenced |
| OFF | 3 | Area 3 Burg Output Silenced |
| OFF | 4 | Area 4 Burg Output Silenced |

| | | |
|---|---|----------------------------------|
| 1476 Burglary Output Turns Off upon Disarm | | |
| Default | | Option: Disarming Area 4: |
| ON | 1 | Area 1 Burg Output Silenced |
| OFF | 2 | Area 2 Burg Output Silenced |
| OFF | 3 | Area 3 Burg Output Silenced |
| OFF | 4 | Area 4 Burg Output Silenced |

| | | |
|--|---|------------------------------------|
| 1477 Pulsed Burg Output Turns Off upon Disarm | | |
| Default | | Option: Disarming Area 1: |
| ON | 1 | Area 1 Pulsed Burg Output Silenced |
| OFF | 2 | Area 2 Pulsed Burg Output Silenced |
| OFF | 3 | Area 3 Pulsed Burg Output Silenced |
| OFF | 4 | Area 4 Pulsed Burg Output Silenced |

| | | |
|--|---|------------------------------------|
| 1478 Pulsed Burg Output Turns Off upon Disarm | | |
| Default | | Option: Disarming Area 2: |
| ON | 1 | Area 1 Pulsed Burg Output Silenced |
| OFF | 2 | Area 2 Pulsed Burg Output Silenced |
| OFF | 3 | Area 3 Pulsed Burg Output Silenced |
| OFF | 4 | Area 4 Pulsed Burg Output Silenced |

| | | |
|--|---|------------------------------------|
| 1479 Pulsed Burg Output Turns Off upon Disarm | | |
| Default | | Option: Disarming Area 3: |
| ON | 1 | Area 1 Pulsed Burg Output Silenced |
| OFF | 2 | Area 2 Pulsed Burg Output Silenced |
| OFF | 3 | Area 3 Pulsed Burg Output Silenced |
| OFF | 4 | Area 4 Pulsed Burg Output Silenced |

| | | |
|--|---|------------------------------------|
| 1480 Pulsed Burg Output Turns Off upon Disarm | | |
| Default | | Option: Disarming Area 4: |
| ON | 1 | Area 1 Pulsed Burg Output Silenced |
| OFF | 2 | Area 2 Pulsed Burg Output Silenced |
| OFF | 3 | Area 3 Pulsed Burg Output Silenced |
| OFF | 4 | Area 4 Pulsed Burg Output Silenced |

| | | |
|---|---|----------------------------------|
| 1481 PGM1 Output Turns Off upon Disarm | | |
| Default | | Option: Disarming Area 1: |
| ON | 1 | Area 1 PGM1 Output Silenced |
| OFF | 2 | Area 2 PGM1 Output Silenced |
| OFF | 3 | Area 3 PGM1 Output Silenced |
| OFF | 4 | Area 4 PGM1 Output Silenced |

| | | |
|---|---|----------------------------------|
| 1482 PGM1 Output Turns Off upon Disarm | | |
| Default | | Option: Disarming Area 2: |
| ON | 1 | Area 1 PGM1 Output Silenced |
| OFF | 2 | Area 2 PGM1 Output Silenced |
| OFF | 3 | Area 3 PGM1 Output Silenced |
| OFF | 4 | Area 4 PGM1 Output Silenced |

| | | |
|---|---|----------------------------------|
| 1483 PGM1 Output Turns Off upon Disarm | | |
| Default | | Option: Disarming Area 3: |
| ON | 1 | Area 1 PGM1 Output Silenced |
| OFF | 2 | Area 2 PGM1 Output Silenced |
| OFF | 3 | Area 3 PGM1 Output Silenced |
| OFF | 4 | Area 4 PGM1 Output Silenced |

| | | |
|---|---|----------------------------------|
| 1484 PGM1 Output Turns Off upon Disarm | | |
| Default | | Option: Disarming Area 4: |
| ON | 1 | Area 1 PGM1 Output Silenced |
| OFF | 2 | Area 2 PGM1 Output Silenced |
| OFF | 3 | Area 3 PGM1 Output Silenced |
| OFF | 4 | Area 4 PGM1 Output Silenced |

| | | |
|---|---|----------------------------------|
| 1485 PGM2 Output Turns Off upon Disarm | | |
| Default | | Option: Disarming Area 1: |
| ON | 1 | Area 1 PGM2 Burg Output Silenced |
| OFF | 2 | Area 2 PGM2 Burg Output Silenced |
| OFF | 3 | Area 3 PGM2 Burg Output Silenced |
| OFF | 4 | Area 4 PGM2 Burg Output Silenced |



| | | |
|---|---|----------------------------------|
| 1486 PGM2 Output Turns Off upon Disarm | | |
| Default | | Option: Disarming Area 2: |
| ON | 1 | Area 1 PGM2 Burg Output Silenced |
| OFF | 2 | Area 2 PGM2 Burg Output Silenced |
| OFF | 3 | Area 3 PGM2 Burg Output Silenced |
| OFF | 4 | Area 4 PGM2 Burg Output Silenced |

| | | |
|---|---|----------------------------------|
| 1487 PGM2 Output Turns Off upon Disarm | | |
| Default | | Option: Disarming Area 3: |
| ON | 1 | Area 1 PGM2 Burg Output Silenced |
| OFF | 2 | Area 2 PGM2 Burg Output Silenced |
| OFF | 3 | Area 3 PGM2 Burg Output Silenced |
| OFF | 4 | Area 4 PGM2 Burg Output Silenced |


| | | |
|---|---|----------------------------------|
| 1488 PGM2 Output Turns Off upon Disarm | | |
| Default | | Option: Disarming Area 4: |
| ON | 1 | Area 1 PGM2 Burg Output Silenced |
| OFF | 2 | Area 2 PGM2 Burg Output Silenced |
| OFF | 3 | Area 3 PGM2 Burg Output Silenced |
| OFF | 4 | Area 4 PGM2 Burg Output Silenced |

OUTPUT TURNS OFF UPON DISARM:

Select options for any of the 4 Outputs. By default, the ability to turn off an output upon disarm is not allowed. For example, the ability to silence an Area 1 through Area 4 output via an Area 1 keypad is not enabled by default. To enable selected area output control, enter the number (1,2,3,4) accordingly. For example, if you wish to grant an Area 1 keypad the ability to turn off an Area 2 PGM2 output, enter "2" in Address 1485.

 Enter digit in address location. **NOTE:** Dark shaded data value box shows option not available. Press  to save.

KEYPAD/TOUCHPAD OPTIONS (ADDRESS 1425-1431, 1440-1446)




| Enable Keypad/Touchpad Type & Activation | ADDR | ENABLE TYPE | AREA ASSIGNMENT | ENABLE TYPE: Up to 7 keypads/Touchpads may be programmed, if they are connected. NOTE: See Touchpad Configuration Mode (see page 40). 1. Select keypad/Touchpad type for each keypad from the tables shown. 2. Enter data in corresponding address locations. 3. Press  to save. |
|--|------|---|---|---|
| | | Blank (*) = Burg Keypad 2 = Wizard * <i>*Not for UL Installations</i> | Blank (*) = Disabled 1 = Area 1, 2 = Area 2, 3 = Area 3, 4 = Area 4 | |
| Keypad/Touchpad 1 | 1425 | | 1 | |
| Keypad/Touchpad 2 | 1426 | | | |
| Keypad/Touchpad 3 | 1427 | | | |
| Keypad/Touchpad 4 | 1428 | | | |
| Keypad/Touchpad 5 | 1429 | | | |
| Keypad/Touchpad 6 | 1430 | | | |
| Keypad/Touchpad 7 | 1431 | | | |

[Default = 1 for address 1425; blank (*) from address 1426-1431]

| Enable Keypad Options | ADDR | Enable Keypad Options | | | | | | | |
|-----------------------|------|-----------------------|--------------|--------------|-------|--------|-------------|--------------|-------|
| | | Keypad Fire | Keypad Aux.* | Keypad Panic | RSRVD | Ambush | Easy Arming | Panel Access | RSRVD |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Keypad 1 Options | 1440 | ON | | ON | | | ON | | |
| Keypad 2 Options | 1441 | ON | | ON | | | ON | | |
| Keypad 3 Options | 1442 | ON | | ON | | | ON | | |
| Keypad 4 Options | 1443 | ON | | ON | | | ON | | |
| Keypad 5 Options | 1444 | | | | | | | | |
| Keypad 6 Options | 1445 | | | | | | | | |
| Keypad 7 Options | 1446 | | | | | | | | |

[Default = blank (*) from address 1440-1446, except where specified in table above] * **NOTE:** Keypad Aux. is not to be selected for UL Installations.

ENABLE KEYPAD OPTIONS: Select options for any of the 7 keypads.

-  1. Select the desired option entering the option number (1-8) for each digit.
-  2. At the F-64PROG programmer, enter corresponding option number in address location. **NOTE:** Dark shaded data value box shows option not available. Press  to save.

MAPPING F-64TP DOORS AND PIR'S (ADDRESS 2090-2101)

Keypad address programming locations for mapping F-64TP Doors and PIR's to the F-64 control panel are displayed in the table at right:




In addition, in order for the F-64TP to function correctly on the F-64 panel, the following programming / installation rules are required:

1. A F-64TP must be wired and addressed as Keypad #1 for any F-64 Touchpads to work on the system.
2. Must program (map) at least 1 Door Zone and a PIR for each F-64 Touchpad.
3. All PIR's in the system, including the mapped Integral F-64 Touchpad PIR, must be programmed as interior to allow conversion from arming Stay to Away.
4. All zones programmed for interior must also be programmed for Auto Bypass.

| Enable Keypad Options | | |
|-------------------------------------|------|---------------|
| MAPPING F-64TP Doors and PIR's | ADDR | Zone # (1-64) |
| Zone # of F64TP # 1 Door/Bolt TX #1 | 2090 | 9 |
| Zone # of F64TP # 1 Door/Bolt TX #2 | 2091 | 10 |
| Zone # of F64TP # 1 PIR | 2092 | 11 |
| Zone # of F64TP # 2 Door/Bolt TX #1 | 2093 | |
| Zone # of F64TP # 2 Door/Bolt TX #2 | 2094 | |
| Zone # of F64TP # 2 PIR \ | 2095 | |
| Zone # of F64TP # 3 Door/Bolt TX #1 | 2096 | |
| Zone # of F64TP # 3 Door/Bolt TX #2 | 2097 | |
| Zone # of F64TP # 3 PIR | 2098 | |
| Zone # of F64TP # 4 Door/Bolt TX #1 | 2099 | |
| Zone # of F64TP # 4 Door/Bolt TX #2 | 2100 | |
| Zone # of F64TP # 4 PIR | 2101 | |

[Default = blank (*) from address 2090-2101]

5. Exit Delay time must first be programmed to allow conversion from arming Stay to Away.

-  1. Select the desired zone by entering the zone number (001-064) for each address.
-  2. At the F-64PROG Programmer, enter corresponding zone number in address location. Press  to save.



ZONE OPTIONS - ZONES 1 TO 16 (ADDRESS 0900-1016)

DIRECT ADDRESS PROGRAM MODE

| ZONE OPTIONS | ADDR | ZONES 1 → 8 | | | | | | | | ADDR | ZONES 9 → 16 | | | | | | | |
|---|------|-------------|----|----|----|----|----|----|----|------|--------------|-----|-----|-----|-----|-----|-----|-----|
| | | Z1 | Z2 | Z3 | Z4 | Z5 | Z6 | Z7 | Z8 | | Z9 | Z10 | Z11 | Z12 | Z13 | Z14 | Z15 | Z16 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 50ms Loop Response ^(A) | 0900 | | | | | | | | | 0964 | | | | | | | | |
| † Priority | 0901 | | | | | | | | | 0965 | | | | | | | | |
| Priority with Bypass | 0902 | | | | | | | | | 0966 | | | | | | | | |
| Auto-Bypass | 0903 | | | | | | | | | 0967 | | | | | | | | |
| † Selective Bypass | 0904 | | | | | | | | | 0968 | | | | | | | | |
| Keyswitch Arming | 0905 | | | | | | | | | 0969 | | | | | | | | |
| Auto-Bypass Re-entry | 0906 | | | | | | | | | 0970 | | | | | | | | |
| Pre-Alarm Warning | 0907 | | | | | | | | | 0971 | | | | | | | | |
| Never Arm | 0908 | | | | | | | | | 0972 | | | | | | | | |
| 24-Hour Zone | 0909 | | | | | | | | | 0973 | | | | | | | | |
| † Alarm Output | 0910 | | | | | | | | | 0974 | | | | | | | | |
| † Pulsed Alarm Output | 0911 | | | | | | | | | 0975 | | | | | | | | |
| PGM1 Output | 0912 | | | | | | | | | 0976 | | | | | | | | |
| PGM2 Output | 0913 | | | | | | | | | 0977 | | | | | | | | |
| † Entry/Exit 1 | 0914 | | | | | | | | | 0978 | | | | | | | | |
| † Entry/Exit 2 | 0915 | | | | | | | | | 0979 | | | | | | | | |
| † Exit/Entry Follower | 0916 | | | | | | | | | 0980 | | | | | | | | |
| †★ Auto Reset | 0917 | | | | | | | | | 0981 | | | | | | | | |
| †★ Swinger Shutdown | 0918 | | | | | | | | | 0982 | | | | | | | | |
| † Chime | 0919 | | | | | | | | | 0983 | | | | | | | | |
| Abort Delay | 0920 | | | | | | | | | 0984 | | | | | | | | |
| Power-up Delay | 0921 | | | | | | | | | 0985 | | | | | | | | |
| Day Zone Open | 0922 | | | | | | | | | 0986 | | | | | | | | |
| Day Zone Short | 0923 | | | | | | | | | 0987 | | | | | | | | |
| Alarm on Day Zone | 0924 | | | | | | | | | 0988 | | | | | | | | |
| † Alarm Telco 1 | 0925 | | | | | | | | | 0989 | | | | | | | | |
| Alarm Restore 1 | 0926 | | | | | | | | | 0990 | | | | | | | | |
| Trouble Telco 1 | 0927 | | | | | | | | | 0991 | | | | | | | | |
| Trouble Restore 1 | 0928 | | | | | | | | | 0992 | | | | | | | | |
| Alarm Telco 3 | 0929 | | | | | | | | | 0993 | | | | | | | | |
| Alarm Restore 3 | 0930 | | | | | | | | | 0994 | | | | | | | | |
| Trouble Telco 3 | 0931 | | | | | | | | | 0995 | | | | | | | | |
| Trouble Restore 3 | 0932 | | | | | | | | | 0996 | | | | | | | | |
| No EOL Resistor | 0933 | | | | | | | | | 0997 | | | | | | | | |
| Trouble on Open | 0934 | | | | | | | | | 0998 | | | | | | | | |
| Trouble on Short | 0935 | | | | | | | | | 0999 | | | | | | | | |
| † Zone Area 1 | 0936 | | | | | | | | | 1000 | | | | | | | | |
| Zone Area 2 | 0937 | | | | | | | | | 1001 | | | | | | | | |
| Zone Area 3 | 0938 | | | | | | | | | 1002 | | | | | | | | |
| Zone Area 4 | 0939 | | | | | | | | | 1003 | | | | | | | | |
| Interior (Stay) Bypass | 0940 | | | | | | | | | 1004 | | | | | | | | |
| Keypad Sounder on Alarm | 0941 | | | | | | | | | 1005 | | | | | | | | |
| † 2-Wire Smoke Detectors ^(B) | 0942 | | | | | | | | | 1006 | | | | | | | | |
| † Fire ^(C) | 0943 | | | | | | | | | 1007 | | | | | | | | |
| Fire Alarm Verification ^(C) | 0944 | | | | | | | | | 1008 | | | | | | | | |
| RESERVED | 0945 | | | | | | | | | 1009 | | | | | | | | |
| Zone ANDing Group 1 | 0946 | | | | | | | | | 1010 | | | | | | | | |
| Zone ANDing Group 2 | 0947 | | | | | | | | | 1011 | | | | | | | | |
| Zone ANDing Group 3 | 0948 | | | | | | | | | 1012 | | | | | | | | |
| Zone ANDing Group 4 | 0949 | | | | | | | | | 1013 | | | | | | | | |
| Sensor Watch | 0950 | | | | | | | | | 1014 | | | | | | | | |
| RESERVED | 0951 | | | | | | | | | 1015 | | | | | | | | |
| Chime 2 | 0952 | | | | | | | | | 1016 | | | | | | | | |
| RESERVED | 0953 | | | | | | | | | 1017 | | | | | | | | |
| Perimeter Group Bypass | 0954 | | | | | | | | | 1018 | | | | | | | | |

† When the Easy Menu Driven Program Mode is used, these features are enabled by default.

† Enabled when "Enable SIA CP-01 Features?" is activated (Answer "Yes" in the EZ Programming Menu).

★ Disabled when "Enable SIA CP-01 Features?" is activated (Answer "Yes" in the EZ Programming Menu). Disable Auto-Reset on non-fire zones for SIA CP-01 installations.

ZONE OPTIONS: Select zone options for any zone.

1. Select the desired zone option by entering the option number (1-8) for each selected zone.
2. Enter corresponding option number in address location.

NOTE: Dark shaded data value box shows option not available. Press [Enter] to save.

Notes A, B and C are located on the bottom of the next page.



ZONE OPTIONS - ZONES 17 TO 32 (ADDRESS 1029-1144)

| ZONE FEATURES | ADDR | ZONES 17 → 24 | | | | | | | | ADDR | ZONES 25 → 32 | | | | | | | |
|--|------|---------------|-----|-----|-----|-----|-----|-----|-----|------|---------------|-----|-----|-----|-----|-----|-----|-----|
| | | Z17 | Z18 | Z19 | Z20 | Z21 | Z22 | Z23 | Z24 | | Z25 | Z26 | Z27 | Z28 | Z29 | Z30 | Z31 | Z32 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| ✦ Priority | 1029 | | | | | | | | | 1093 | | | | | | | | |
| ✦ Priority with Bypass | 1030 | | | | | | | | | 1094 | | | | | | | | |
| ✦ Auto-Bypass | 1031 | | | | | | | | | 1095 | | | | | | | | |
| ✦ Selective Bypass | 1032 | | | | | | | | | 1096 | | | | | | | | |
| ✦ Keyswitch Arming | 1033 | | | | | | | | | 1097 | | | | | | | | |
| ✦ Auto-Bypass Re-entry | 1034 | | | | | | | | | 1098 | | | | | | | | |
| ✦ Pre-Alarm Warning | 1035 | | | | | | | | | 1099 | | | | | | | | |
| ✦ Never Arm | 1036 | | | | | | | | | 1100 | | | | | | | | |
| ✦ 24-Hour Zone | 1037 | | | | | | | | | 1101 | | | | | | | | |
| ✦ Alarm Output | 1038 | | | | | | | | | 1102 | | | | | | | | |
| ✦ Pulsed Alarm Output | 1039 | | | | | | | | | 1103 | | | | | | | | |
| ✦ PGM1 Output | 1040 | | | | | | | | | 1104 | | | | | | | | |
| ✦ PGM2 Output | 1041 | | | | | | | | | 1105 | | | | | | | | |
| ✦ Entry/Exit 1 | 1042 | | | | | | | | | 1106 | | | | | | | | |
| ✦ Entry/Exit 2 | 1043 | | | | | | | | | 1107 | | | | | | | | |
| ✦ Exit/Entry Follower | 1044 | | | | | | | | | 1108 | | | | | | | | |
| ✦ Auto Reset | 1045 | | | | | | | | | 1109 | | | | | | | | |
| ✦ Swinger Shutdown | 1046 | | | | | | | | | 1110 | | | | | | | | |
| ✦ Chime | 1047 | | | | | | | | | 1111 | | | | | | | | |
| ✦ Abort Delay | 1048 | | | | | | | | | 1112 | | | | | | | | |
| ✦ Power-up Delay | 1049 | | | | | | | | | 1113 | | | | | | | | |
| ✦ Day Zone Open | 1050 | | | | | | | | | 1114 | | | | | | | | |
| ✦ Day Zone Short | 1051 | | | | | | | | | 1115 | | | | | | | | |
| ✦ Alarm on Day Zone | 1052 | | | | | | | | | 1116 | | | | | | | | |
| ✦ Alarm Telco 1 | 1053 | | | | | | | | | 1117 | | | | | | | | |
| ✦ Alarm Restore 1 | 1054 | | | | | | | | | 1118 | | | | | | | | |
| ✦ Trouble Telco 1 | 1055 | | | | | | | | | 1119 | | | | | | | | |
| ✦ Trouble Restore 1 | 1056 | | | | | | | | | 1120 | | | | | | | | |
| ✦ Alarm Telco 3 | 1057 | | | | | | | | | 1121 | | | | | | | | |
| ✦ Alarm Restore 3 | 1058 | | | | | | | | | 1122 | | | | | | | | |
| ✦ Trouble Telco 3 | 1059 | | | | | | | | | 1123 | | | | | | | | |
| ✦ Trouble Restore 3 | 1060 | | | | | | | | | 1124 | | | | | | | | |
| ✦ No EOL Resistor | 1061 | | | | | | | | | 1125 | | | | | | | | |
| ✦ Trouble on Open | 1062 | | | | | | | | | 1126 | | | | | | | | |
| ✦ Trouble on Short | 1063 | | | | | | | | | 1127 | | | | | | | | |
| ✦ Zone Area 1 | 1064 | | | | | | | | | 1128 | | | | | | | | |
| ✦ Zone Area 2 | 1065 | | | | | | | | | 1129 | | | | | | | | |
| ✦ Zone Area 3 | 1066 | | | | | | | | | 1130 | | | | | | | | |
| ✦ Zone Area 4 | 1067 | | | | | | | | | 1131 | | | | | | | | |
| ✦ Interior (Stay) Bypass | 1068 | | | | | | | | | 1132 | | | | | | | | |
| ✦ Keypad Sounder on Alarm | 1069 | | | | | | | | | 1133 | | | | | | | | |
| ✦ Fire ^(C) | 1071 | | | | | | | | | 1135 | | | | | | | | |
| ✦ Fire Alarm Verification ^(C) | 1072 | | | | | | | | | 1136 | | | | | | | | |
| ✦ Zone ANDing Group 1 | 1074 | | | | | | | | | 1138 | | | | | | | | |
| ✦ Zone ANDing Group 2 | 1075 | | | | | | | | | 1139 | | | | | | | | |
| ✦ Zone ANDing Group 3 | 1076 | | | | | | | | | 1140 | | | | | | | | |
| ✦ Zone ANDing Group 4 | 1077 | | | | | | | | | 1141 | | | | | | | | |
| ✦ Sensor Watch | 1078 | | | | | | | | | 1142 | | | | | | | | |
| RESERVED | 1079 | | | | | | | | | 1143 | | | | | | | | |
| ✦ Chime 2 | 1080 | | | | | | | | | 1144 | | | | | | | | |
| RESERVED | 1081 | | | | | | | | | 1145 | | | | | | | | |
| ✦ Perimeter Group Bypass | 1082 | | | | | | | | | 1146 | | | | | | | | |

✦ When the Easy Menu Driven Program Mode is used, these features are enabled by default.

✦ Enabled when "Enable SIA CP-01 Features?" is activated (Answer "Yes" in the EZ Programming Menu).

★ Disabled when "Enable SIA CP-01 Features?" is activated (Answer "Yes" in the EZ Programming Menu). Disable Auto-Reset on non-fire zones for SIA CP-01 installations.

NOTES: (A) 50ms Loop Response only available for zones 1-8. If Zone Doubling is enabled, Zones 9-16 will follow the loop response programming for Zones 1-8. For all other Zones, loop response is determined by jumpers on the GEM-EZM8 and/or the configuration on the F-64PROG.
 (B) 2-wire Smoke Detectors only available for zones 7 & 8, and **Fire** must also be selected.
 (C) If Fire Alarm Verification is selected, then Fire must also be selected.

DEFAULTS: The zone options indicated are automatically set after exiting the Easy Menu Driven Program Mode.

- Priority, Selective Bypass, Alarm Output, Auto Reset, Swinger Shutdown and Zone Area 1 are enabled for the total number of zones entered in "*** OF ZONES IN AREA ENTER ## ZONES".
- Alarm Telco 1 is enabled for the zone number(s) entered in "REPORT ALL ZONES TO CENTRAL ZONES? Y/N".
- Entry/Exit 1 and Chime are enabled for the zone number(s) entered in "ENTRY/EXIT ZONES ENTER ZONE ##".
- Exit/Entry Follower and Interior Bypass are enabled for the zone number(s) entered in "INTERIOR ZONES ENTER ZONE ##".
- Pulse Alarm Output is enabled for the zone number(s) entered in "FIRE ZONES ENTER ZONE ##" or "2-WIRE FIRE ZNS ENTER ZONE ##".
- Fire is enabled for the zone number(s) entered in "FIRE ZONES ENTER ZONE ##".
- 2-Wire Smoke Detector is enabled for the zone number(s) entered in "2-WIRE FIRE ZNS ENTER ZONE ##".



ZONE OPTIONS - ZONES 33 TO 48 (ADDRESS 1157-1272)

| ZONE OPTIONS | ADDR | ZONES 33→ 40 | | | | | | | | ADDR | ZONES 41 → 48 | | | | | | | |
|--|------|--------------|-----|-----|-----|-----|-----|-----|-----|------|---------------|-----|-----|-----|-----|-----|-----|-----|
| | | Z33 | Z34 | Z35 | Z36 | Z37 | Z38 | Z39 | Z40 | | Z41 | Z42 | Z43 | Z44 | Z45 | Z46 | Z47 | Z48 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 50ms Loop Response ^(A) | | | | | | | | | | | | | | | | | | |
| † Priority | 1157 | | | | | | | | | 1221 | | | | | | | | |
| † Priority with Bypass | 1158 | | | | | | | | | 1222 | | | | | | | | |
| † Auto-Bypass | 1159 | | | | | | | | | 1223 | | | | | | | | |
| † Selective Bypass | 1160 | | | | | | | | | 1224 | | | | | | | | |
| † Keyswitch Arming | 1161 | | | | | | | | | 1225 | | | | | | | | |
| † Auto-Bypass Re-entry | 1162 | | | | | | | | | 1226 | | | | | | | | |
| † Pre-Alarm Warning | 1163 | | | | | | | | | 1227 | | | | | | | | |
| † Never Arm | 1164 | | | | | | | | | 1228 | | | | | | | | |
| † 24-Hour Zone | 1165 | | | | | | | | | 1229 | | | | | | | | |
| † Alarm Output | 1166 | | | | | | | | | 1230 | | | | | | | | |
| † Pulsed Alarm Output | 1167 | | | | | | | | | 1231 | | | | | | | | |
| † PGM1 Output | 1168 | | | | | | | | | 1232 | | | | | | | | |
| † PGM2 Output | 1169 | | | | | | | | | 1233 | | | | | | | | |
| † Entry/Exit 1 | 1170 | | | | | | | | | 1234 | | | | | | | | |
| † Entry/Exit 2 | 1171 | | | | | | | | | 1235 | | | | | | | | |
| † Exit/Entry Follower | 1172 | | | | | | | | | 1236 | | | | | | | | |
| †★ Auto Reset | 1173 | | | | | | | | | 1237 | | | | | | | | |
| †★ Swinger Shutdown | 1174 | | | | | | | | | 1238 | | | | | | | | |
| † Chime | 1175 | | | | | | | | | 1239 | | | | | | | | |
| † Abort Delay | 1176 | | | | | | | | | 1240 | | | | | | | | |
| † Power-up Delay | 1177 | | | | | | | | | 1241 | | | | | | | | |
| † Day Zone Open | 1178 | | | | | | | | | 1242 | | | | | | | | |
| † Day Zone Short | 1179 | | | | | | | | | 1243 | | | | | | | | |
| † Alarm on Day Zone | 1180 | | | | | | | | | 1244 | | | | | | | | |
| † Alarm Telco 1 | 1181 | | | | | | | | | 1245 | | | | | | | | |
| † Alarm Restore 1 | 1182 | | | | | | | | | 1246 | | | | | | | | |
| † Trouble Telco 1 | 1183 | | | | | | | | | 1247 | | | | | | | | |
| † Trouble Restore 1 | 1184 | | | | | | | | | 1248 | | | | | | | | |
| † Alarm Telco 3 | 1185 | | | | | | | | | 1249 | | | | | | | | |
| † Alarm Restore 3 | 1186 | | | | | | | | | 1250 | | | | | | | | |
| † Trouble Telco 3 | 1187 | | | | | | | | | 1251 | | | | | | | | |
| † Trouble Restore 3 | 1188 | | | | | | | | | 1252 | | | | | | | | |
| † No EOL Resistor | 1189 | | | | | | | | | 1253 | | | | | | | | |
| † Trouble on Open | 1190 | | | | | | | | | 1254 | | | | | | | | |
| † Trouble on Short | 1191 | | | | | | | | | 1255 | | | | | | | | |
| † Zone Area 1 | 1192 | | | | | | | | | 1256 | | | | | | | | |
| † Zone Area 2 | 1193 | | | | | | | | | 1257 | | | | | | | | |
| † Zone Area 3 | 1194 | | | | | | | | | 1258 | | | | | | | | |
| † Zone Area 4 | 1195 | | | | | | | | | 1259 | | | | | | | | |
| † Interior (Stay) Bypass | 1196 | | | | | | | | | 1260 | | | | | | | | |
| † Keypad Sounder on Alarm | 1197 | | | | | | | | | 1261 | | | | | | | | |
| † 2-Wire Smoke Detectors ^(B) | 1198 | | | | | | | | | 1262 | | | | | | | | |
| † Fire ^(C) | 1199 | | | | | | | | | 1263 | | | | | | | | |
| † Fire Alarm Verification ^(C) | 1200 | | | | | | | | | 1264 | | | | | | | | |
| RESERVED | 1201 | | | | | | | | | 1265 | | | | | | | | |
| Zone ANDing Group 1 | 1202 | | | | | | | | | 1266 | | | | | | | | |
| Zone ANDing Group 2 | 1203 | | | | | | | | | 1267 | | | | | | | | |
| Zone ANDing Group 3 | 1204 | | | | | | | | | 1268 | | | | | | | | |
| Zone ANDing Group 4 | 1205 | | | | | | | | | 1269 | | | | | | | | |
| Sensor Watch | 1206 | | | | | | | | | 1270 | | | | | | | | |
| RESERVED | 1207 | | | | | | | | | 1271 | | | | | | | | |
| Chime 2 | 1208 | | | | | | | | | 1272 | | | | | | | | |
| RESERVED | 1209 | | | | | | | | | 1273 | | | | | | | | |
| Perimeter Group Bypass | 1210 | | | | | | | | | 1274 | | | | | | | | |

† When the Easy Menu Driven Program Mode is used, these features are enabled by default.

†★ Enabled when "Enable SIA CP-01 Features?" is activated (Answer "Yes" in the EZ Programming Menu).

★ Disabled when "Enable SIA CP-01 Features?" is activated (Answer "Yes" in the EZ Programming Menu). Disable Auto-Reset on non-fire zones for SIA CP-01 installations.

ZONE OPTIONS: Select zone options for any zone.

1. Select the desired zone option by entering the option number (1-8) for each selected zone.

2. Enter corresponding option number in address location.

NOTE: Dark shaded data value box shows option not available. Press [Enter] to save.

ZONE OPTIONS - ZONES 49 TO 64 (ADDRESS 1285-1400)

| ZONE FEATURES | ADDR | ZONES 49 → 56 | | | | | | | | ADDR | ZONES 57 → 64 | | | | | | | |
|--|------|---------------|-----|-----|-----|-----|-----|-----|-----|------|---------------|-----|-----|-----|-----|-----|-----|-----|
| | | Z49 | Z50 | Z51 | Z52 | Z53 | Z54 | Z55 | Z56 | | Z57 | Z58 | Z59 | Z60 | Z61 | Z62 | Z63 | Z64 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| † Priority | 1285 | | | | | | | | | 1349 | | | | | | | | |
| Priority with Bypass | 1286 | | | | | | | | | 1350 | | | | | | | | |
| Auto-Bypass | 1287 | | | | | | | | | 1351 | | | | | | | | |
| † Selective Bypass | 1288 | | | | | | | | | 1352 | | | | | | | | |
| Keyswitch Arming | 1289 | | | | | | | | | 1353 | | | | | | | | |
| Auto-Bypass Re-entry | 1290 | | | | | | | | | 1354 | | | | | | | | |
| Pre-Alarm Warning | 1291 | | | | | | | | | 1355 | | | | | | | | |
| Never Arm | 1292 | | | | | | | | | 1356 | | | | | | | | |
| 24-Hour Zone | 1293 | | | | | | | | | 1357 | | | | | | | | |
| † Alarm Output | 1294 | | | | | | | | | 1358 | | | | | | | | |
| † Pulsed Alarm Output | 1295 | | | | | | | | | 1359 | | | | | | | | |
| PGM1 Output | 1296 | | | | | | | | | 1360 | | | | | | | | |
| PGM2 Output | 1297 | | | | | | | | | 1361 | | | | | | | | |
| † Entry/Exit 1 | 1298 | | | | | | | | | 1362 | | | | | | | | |
| Entry/Exit 2 | 1299 | | | | | | | | | 1363 | | | | | | | | |
| † Exit/Entry Follower | 1300 | | | | | | | | | 1364 | | | | | | | | |
| † ★ Auto Reset | 1301 | | | | | | | | | 1365 | | | | | | | | |
| † ★ Swinger Shutdown | 1302 | | | | | | | | | 1366 | | | | | | | | |
| † Chime | 1303 | | | | | | | | | 1367 | | | | | | | | |
| Abort Delay | 1304 | | | | | | | | | 1368 | | | | | | | | |
| Power-up Delay | 1305 | | | | | | | | | 1369 | | | | | | | | |
| Day Zone Open | 1306 | | | | | | | | | 1370 | | | | | | | | |
| Day Zone Short | 1307 | | | | | | | | | 1371 | | | | | | | | |
| Alarm on Day Zone | 1308 | | | | | | | | | 1372 | | | | | | | | |
| † Alarm Telco 1 | 1309 | | | | | | | | | 1373 | | | | | | | | |
| Alarm Restore 1 | 1310 | | | | | | | | | 1374 | | | | | | | | |
| Trouble Telco 1 | 1311 | | | | | | | | | 1375 | | | | | | | | |
| Trouble Restore 1 | 1312 | | | | | | | | | 1376 | | | | | | | | |
| Alarm Telco 3 | 1313 | | | | | | | | | 1377 | | | | | | | | |
| Alarm Restore 3 | 1314 | | | | | | | | | 1378 | | | | | | | | |
| Trouble Telco 3 | 1315 | | | | | | | | | 1379 | | | | | | | | |
| Trouble Restore 3 | 1316 | | | | | | | | | 1380 | | | | | | | | |
| No EOL Resistor | 1317 | | | | | | | | | 1381 | | | | | | | | |
| Trouble on Open | 1318 | | | | | | | | | 1382 | | | | | | | | |
| Trouble on Short | 1319 | | | | | | | | | 1383 | | | | | | | | |
| † Zone Area 1 | 1320 | | | | | | | | | 1384 | | | | | | | | |
| Zone Area 2 | 1321 | | | | | | | | | 1385 | | | | | | | | |
| Zone Area 3 | 1322 | | | | | | | | | 1386 | | | | | | | | |
| Zone Area 4 | 1323 | | | | | | | | | 1387 | | | | | | | | |
| Interior (Stay) Bypass | 1324 | | | | | | | | | 1388 | | | | | | | | |
| Keypad Sounder on Alarm | 1325 | | | | | | | | | 1389 | | | | | | | | |
| † Fire ^(C) | 1327 | | | | | | | | | 1391 | | | | | | | | |
| Fire Alarm Verification ^(C) | 1328 | | | | | | | | | 1392 | | | | | | | | |
| Zone ANDing Group 1 | 1330 | | | | | | | | | 1394 | | | | | | | | |
| Zone ANDing Group 2 | 1331 | | | | | | | | | 1395 | | | | | | | | |
| Zone ANDing Group 3 | 1332 | | | | | | | | | 1396 | | | | | | | | |
| Zone ANDing Group 4 | 1333 | | | | | | | | | 1397 | | | | | | | | |
| Sensor Watch | 1334 | | | | | | | | | 1398 | | | | | | | | |
| RESERVED | 1335 | | | | | | | | | 1399 | | | | | | | | |
| Chime 2 | 1336 | | | | | | | | | 1400 | | | | | | | | |
| RESERVED | 1337 | | | | | | | | | 1401 | | | | | | | | |
| Perimeter Group Bypass | 1338 | | | | | | | | | 1402 | | | | | | | | |

† When the Easy Menu Driven Program Mode is used, these features are enabled by default.

★ Enabled when "Enable SIA CP-01 Features?" is activated (Answer "Yes" in the EZ Programming Menu).

★ Disabled when "Enable SIA CP-01 Features?" is activated (Answer "Yes" in the EZ Programming Menu). Disable Auto-Reset on non-fire zones for SIA CP-01 installations.

NOTES: (A) 50ms Loop Response only available for zones 1-8. If Zone Doubling is enabled, Zones 9-16 will follow the loop response programming for Zones 1-8. For all other Zones, loop response is determined by jumpers on the GEM-EZM8 and/or the configuration on the F-64PROG.

(B) 2-wire Smoke Detectors only available for zones 7 & 8, and **Fire** must also be selected.

(C) If Fire Alarm Verification is selected, then Fire must also be selected.

DEFAULTS: The zone options indicated are automatically set after exiting the Easy Menu Driven Program Mode.

Priority, Selective Bypass, Alarm Output, Auto Reset, Swinger Shutdown and Zone Area 1 are enabled for the total number of zones entered in "## OF ZONES IN AREA1 ENTER ## ZONES".

Alarm Telco 1 is enabled for the zone number(s) entered in "REPORT ALL ZONES TO CENTRAL ZONES? Y/N".

Entry/Exit 1 and Chime are enabled for the zone number(s) entered in "ENTRY/EXIT ZONES ENTER ZONE ##".

Exit/Entry Follower and Interior Bypass are enabled for the zone number(s) entered in "INTERIOR ZONES ENTER ZONE ##".

Pulse Alarm Output is enabled for the zone number(s) entered in "FIRE ZONES ENTER ZONE ##" or "2-WIRE FIRE ZNS ENTER ZONE ##".

Fire is enabled for the zone number(s) entered in "FIRE ZONES ENTER ZONE ##".

2-Wire Smoke Detector is enabled for the zone number(s) entered in "2-WIRE FIRE ZNS ENTER ZONE ##".



EXTERNAL RELAY CONTROL (ADDRESS 1489-1648)

DIRECT ADDRESS PROGRAM MODE

| ADDRESS 1489-1493 (RELAY EVENT 1) | | | | |
|-----------------------------------|------|---------|----------|-------|
| 1489 | 1490 | 1491 | 1492 | 1493 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1494-1498 (RELAY EVENT 2) | | | | |
|-----------------------------------|------|---------|----------|-------|
| 1494 | 1495 | 1496 | 1497 | 1498 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1499-1503 (RELAY EVENT 3) | | | | |
|-----------------------------------|------|---------|----------|-------|
| 1499 | 1500 | 1501 | 1502 | 1503 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1504-1508 (RELAY EVENT 4) | | | | |
|-----------------------------------|------|---------|----------|-------|
| 1504 | 1505 | 1506 | 1507 | 1508 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1509-1513 (RELAY EVENT 5) | | | | |
|-----------------------------------|------|---------|----------|-------|
| 1509 | 1510 | 1511 | 1512 | 1513 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1514-1518 (RELAY EVENT 6) | | | | |
|-----------------------------------|------|---------|----------|-------|
| 1514 | 1515 | 1516 | 1517 | 1518 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1519-1523 (RELAY EVENT 7) | | | | |
|-----------------------------------|------|---------|----------|-------|
| 1519 | 1520 | 1521 | 1522 | 1523 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1524-1528 (RELAY EVENT 8) | | | | |
|-----------------------------------|------|---------|----------|-------|
| 1524 | 1525 | 1526 | 1527 | 1528 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1529-1533 (RELAY EVENT 9) | | | | |
|-----------------------------------|------|---------|----------|-------|
| 1529 | 1530 | 1531 | 1532 | 1533 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1534-1538 (RELAY EVENT 10) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1534 | 1535 | 1536 | 1537 | 1538 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1539-1543 (RELAY EVENT 11) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1539 | 1540 | 1541 | 1542 | 1543 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1544-1548 (RELAY EVENT 12) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1544 | 1545 | 1546 | 1547 | 1548 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1549-1553 (RELAY EVENT 13) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1549 | 1550 | 1551 | 1552 | 1553 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1554-1558 (RELAY EVENT 14) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1554 | 1555 | 1556 | 1557 | 1558 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1559-1563 (RELAY EVENT 15) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1559 | 1560 | 1561 | 1562 | 1563 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1564-1568 (RELAY EVENT 16) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1564 | 1565 | 1566 | 1567 | 1568 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1569-1573 (RELAY EVENT 17) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1569 | 1570 | 1571 | 1572 | 1573 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1574-1578 (RELAY EVENT 18) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1574 | 1575 | 1576 | 1577 | 1578 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1579-1583 (RELAY EVENT 19) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1579 | 1580 | 1581 | 1582 | 1583 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1584-1588 (RELAY EVENT 20) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1584 | 1585 | 1586 | 1587 | 1588 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1589-1593 (RELAY EVENT 21) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1589 | 1590 | 1591 | 1592 | 1593 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1594-1598 (RELAY EVENT 22) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1594 | 1595 | 1596 | 1597 | 1598 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1599-1603 (RELAY EVENT 23) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1599 | 1600 | 1601 | 1602 | 1603 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1604-1608 (RELAY EVENT 24) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1604 | 1605 | 1606 | 1607 | 1608 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1609-1613 (RELAY EVENT 25) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1609 | 1610 | 1611 | 1612 | 1613 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1614-1618 (RELAY EVENT 26) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1614 | 1615 | 1616 | 1617 | 1618 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1619-1623 (RELAY EVENT 27) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1619 | 1620 | 1621 | 1622 | 1623 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1624-1628 (RELAY EVENT 28) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1624 | 1625 | 1626 | 1627 | 1628 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1629-1633 (RELAY EVENT 29) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1629 | 1630 | 1631 | 1632 | 1633 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1634-1638 (RELAY EVENT 30) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1634 | 1635 | 1636 | 1637 | 1638 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1639-1643 (RELAY EVENT 31) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1639 | 1640 | 1641 | 1642 | 1643 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

| ADDRESS 1644-1648 (RELAY EVENT 32) | | | | |
|------------------------------------|------|---------|----------|-------|
| 1644 | 1645 | 1646 | 1647 | 1648 |
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| | | | | |

**TO PROGRAM,
SEE NEXT PAGE**



[Default = blank (•) from address 1489-1648].

To program, follow the 5 steps below.

| RELAY EVENT OPTIONS | | | | |
|---------------------|------------------|------------------|------------------|------------------|
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| See Step 1 below | See Step 2 below | See Step 3 below | See Step 4 below | See Step 5 below |


STEP 1

RELAY # OPTIONS: The F-64 supports 16 external relays from Relay Module RM3008. Multiple events may be "mapped" to each relay, up to a maximum of 32 events.

 Select the **relay number** from **Table 1** (next page); enter in corresponding address location.


STEP 2

AREA OPTIONS: Each relay event can be assigned to Area 1, 2, 3 and / or 4.

 Select the **area** from **Table 2** (on next page); enter in corresponding address location.


STEP 3

TIMEOUTS: Each relay event can be assigned a timeout depending on Alarm Type option.

 If Alarm Type is selected for timeout in minutes or seconds, enter the 3-digit **timeout duration** in corresponding address location. To choose seconds or minutes, see step 5A below. 254 is maximum entry.


STEP 4


EVENT ID CODES: Each relay event can be assigned any of the available event IDs from **Table 4**.

 Select 2-digit **Event ID** from **Table 4** (on next page); enter in corresponding address locations (left and right digit).

STEP 5

RELAY EVENT CONDITION OPTIONS: Each relay event can be assigned an alarm type; and an activation condition; also, select a timeout type for each. Enter 5A in left area, enter 5B in right area.

 5A. Select **Alarm Type** and **Timeout Type** from **Table 5A** (on next page); enter in corresponding left address location.

 5B. Select **Activation Conditions** from **Table 5B** (on next page); enter in corresponding right address location.

Continued



| RELAY EVENT OPTIONS | | | | |
|---------------------|----------------------------------|--|-------------------|--------------------------|
| RELAY # | AREA | TIMEOUT | EVENT ID | COND. |
| See Table 1 below | See Table 2 below (right nibble) | Enter a Time period, in seconds or minutes | See Table 4 below | See Tables 5A & 5B below |

| DATA ENTRY | | RELAY # |
|-------------|--------------|---------|
| Left Nibble | Right Nibble | |
| blank (*) | blank (*) | NONE |
| blank (*) | 1 | 1 |
| blank (*) | 2 | 2 |
| blank (*) | 3 | 3 |
| blank (*) | 4 | 4 |
| blank (*) | 5 | 5 |
| blank (*) | 6 | 6 |
| blank (*) | 7 | 7 |
| blank (*) | 8 | 8 |
| blank (*) | 9 | 9 |
| blank (*) | 0 | 10 |
| blank (*) | B | 11 |
| blank (*) | C | 12 |
| blank (*) | D | 13 |
| blank (*) | E | 14 |
| blank (*) | F | 15 |
| 1 | blank (*) | 16 |

| DATA ENTRY | TURN OFF ON AREA DISARM |
|------------|-------------------------|
| blank (*) | NONE |
| 1 | Area 1 |
| 2 | Area 2 |
| 3 | Area 1 & Area 2 |
| 4 | Area 3 |
| 5 | Area 1 & Area 3 |
| 6 | Area 2 & Area 3 |
| 7 | Areas 1, 2 & 3 |
| 8 | Area 4 |
| 9 | Area 1 & Area 4 |
| 0 | Area 2 & Area 4 |
| B | Areas 1, 2 & 4 |
| C | Areas 3 & 4 |
| D | Areas 1, 3 & 4 |
| E | Areas 2, 3 & 4 |
| F | Areas 1-4 |

| RELAY EVENT ALARM TYPE OPTIONS | | |
|--------------------------------|------------|--------------|
| LEFT DATA ENTRIES | ALARM TYPE | TIMEOUT TYPE |
| blank (*) | Burglary | Minutes |
| 1 | Fire | Minutes |
| 4 | Day Zone | Minutes |
| 8 | Burglary | Seconds |
| 9 | Fire | Seconds |
| C | Day Zone | Seconds |

| RELAY EVENT ACTIVATION CONDITIONS | |
|-----------------------------------|-----------------|
| RIGHT DATA ENTRIES | OPTIONS |
| 1 | Alarm |
| 2 | Restore |
| 3 | Trouble |
| 4 | Trouble Restore |
| 5 | Follow Zone |

| EVENT ID CODES | | |
|----------------|-----------|------------|
| DATA ENTRIES | | OPTION |
| LEFT | RIGHT | |
| blank (*) | blank (*) | Area 1 Arm |
| blank (*) | 1 | Area 2 Arm |
| blank (*) | 2 | Area 3 Arm |
| blank (*) | 3 | Area 4 Arm |
| blank (*) | 8 | Zone 1 |
| blank (*) | 9 | Zone 2 |
| blank (*) | 0 | Zone 3 |
| blank (*) | B | Zone 4 |
| blank (*) | C | Zone 5 |
| blank (*) | D | Zone 6 |
| blank (*) | E | Zone 7 |
| blank (*) | F | Zone 8 |
| 1 | blank (*) | Zone 9 |
| 1 | 1 | Zone 10 |
| 1 | 2 | Zone 11 |
| 1 | 3 | Zone 12 |
| 1 | 4 | Zone 13 |
| 1 | 5 | Zone 14 |
| 1 | 6 | Zone 15 |
| 1 | 7 | Zone 16 |
| 1 | 8 | Zone 17 |
| 1 | 9 | Zone 18 |
| 1 | 0 | Zone 19 |
| 1 | B | Zone 20 |
| 1 | C | Zone 21 |
| 1 | D | Zone 22 |
| 1 | E | Zone 23 |
| 1 | F | Zone 24 |
| 2 | blank (*) | Zone 25 |
| 2 | 1 | Zone 26 |
| 2 | 2 | Zone 27 |
| 2 | 3 | Zone 28 |
| 2 | 4 | Zone 29 |
| 2 | 5 | Zone 30 |
| 2 | 6 | Zone 31 |
| 2 | 7 | Zone 32 |
| 2 | 8 | Zone 33 |
| 2 | 9 | Zone 34 |
| 2 | 0 | Zone 35 |
| 2 | B | Zone 36 |
| 2 | C | Zone 37 |

| EVENT ID CODES | | |
|----------------|-----------|----------------------|
| DATA ENTRIES | | OPTION |
| LEFT | RIGHT | |
| 2 | D | Zone 38 |
| 2 | E | Zone 39 |
| 2 | F | Zone 40 |
| 3 | blank (*) | Zone 41 |
| 3 | 1 | Zone 42 |
| 3 | 2 | Zone 43 |
| 3 | 3 | Zone 44 |
| 3 | 4 | Zone 45 |
| 3 | 5 | Zone 46 |
| 3 | 6 | Zone 47 |
| 3 | 7 | Zone 48 |
| 3 | 8 | Zone 49 |
| 3 | 9 | Zone 50 |
| 3 | 0 | Zone 51 |
| 3 | B | Zone 52 |
| 3 | C | Zone 53 |
| 3 | D | Zone 54 |
| 3 | E | Zone 55 |
| 3 | F | Zone 56 |
| 4 | blank (*) | Zone 57 |
| 4 | 1 | Zone 58 |
| 4 | 2 | Zone 59 |
| 4 | 3 | Zone 60 |
| 4 | 4 | Zone 61 |
| 4 | 5 | Zone 62 |
| 4 | 6 | Zone 63 |
| 4 | 7 | Zone 64 |
| 6 | 8 | Area 1 KP Ambush |
| 6 | 9 | Area 1 KP Panic |
| 6 | 0 | Area 1 KP Fire |
| 6 | B | Area 1 KP Aux |
| 6 | C | Area 1 KP Tamper |
| 6 | D | Area 1 Fail to Open |
| 6 | E | Area 1 Fail to Close |
| 7 | blank (*) | Area 2 KP Ambush |
| 7 | 1 | Area 2 KP Panic |
| 7 | 2 | Area 2 KP Fire |
| 7 | 3 | Area 2 KP Aux |
| 7 | 4 | Area 2 KP Tamper |
| 7 | 5 | Area 2 Fail to Open |
| 7 | 6 | Area 2 Fail to Close |

| EVENT ID CODES | | |
|----------------|-----------|--------------------------------------|
| DATA ENTRIES | | OPTION |
| LEFT | RIGHT | |
| 7 | 8 | Area 3 KP Ambush |
| 7 | 9 | Area 3 KP Panic |
| 7 | 0 | Area 3 KP Fire |
| 7 | B | Area 3 KP Aux |
| 7 | C | Area 3 KP Tamper |
| 7 | D | Area 3 Fail to Open |
| 7 | E | Area 3 Fail to Close |
| 7 | F | Area 4 KP Ambush |
| 8 | 1 | Area 4 KP Panic |
| 8 | 2 | Area 4 KP Fire |
| 8 | 3 | Area 4 KP Aux |
| 8 | 4 | Area 4 KP Tamper |
| 8 | 5 | Area 4 Fail to Open |
| 8 | 6 | Area 4 Fail to Close |
| 0 | 8 | Test Timer |
| 0 | B | Memory Fail |
| 0 | C | Low Battery |
| 0 | D | AC Fail |
| 0 | E | EZM Tamper |
| 0 | F | Alarm Supervisory |
| B | 5 | RF Receiver Trouble (Tamper/Fail) |
| B | 6 | Wireless TX Tamper |
| B | 7 | Wireless TX Trouble (LB/Supervisory) |
| C | 8 | Area 1 Arming AWAY |
| C | 9 | Area 2 Arming AWAY |
| C | 0 | Area 3 Arming AWAY |
| C | B | Area 4 Arming AWAY |
| D | blank (*) | Keypad Fail |
| D | 1 | EZM Fail |
| D | 2 | Quickloader Device Control |
| D | 5 | General System Alarm |
| D | 8 | Area 1 General System Alarm |
| D | 9 | Area 2 General System Alarm |
| D | 0 | Area 3 General System Alarm |
| D | B | Area 4 General System Alarm |
| F | blank (*) | Relay Control Group 1 |
| F | 1 | Relay Control Group 2 |
| F | 8 | Entry Relay Area 1 |
| F | 9 | Entry Relay Area 2 |
| F | 0 | Entry Relay Area 3 |
| F | B | Entry Relay Area 4 |

* NOTE: Keypad Auxiliary is not to be selected for UL Installations.
 NOTE: Keypad Tamper must be enabled in UL installations.

DIRECT ADDRESS PROGRAM MODE




RF RECEIVER & SUPERVISORY TIMER OPTIONS (ADDRESS 2029-2044 & 2056)

| Number of RF Receivers | ADDRESS 2056 | |
|------------------------|--------------|-------------|
| | LEFT DIGIT | RIGHT DIGIT |
| | blank (*) | |

Default for Number of Receivers depends on Easy Menu Driven Program Mode question for RF Transmitters.

| DATA ENTRIES | RF RECEIVER(S) |
|--------------|----------------|
| blank (*) | None |
| 1 | 1 |
| 2 | 2 |


RF RECEIVERS: Up to 2 RF Receivers may be programmed.

 1. Select the number of receivers from the table shown.

 2. Enter number in address location shown.

 3. Press  to save.

RF SUPERVISORY TIMERS: RF Supervisory Timers may be programmed for each type of transmitter used. A transmitter will send a transmission every time it is tripped, when there is NO activity, the transmitter sends a status transmission about once an hour. If the receiver does NOT receive ANY signal (a trip or a status) from a transmitter in the time specified for transmitter type, a system trouble "WIRELESS TROUBLE/EDY-NN SERVICE" will be displayed at the F-64PROG programmer.

 1. Select timer delay from the table shown. Timers are programmed in increments of 30 minutes each. Valid entries are [3] through [F] (90 minutes-450 minutes).

 2. Enter in corresponding address locations below (right nibble).

 3. Press  to save.

| RF SUPERVISORY TIMER | RF TRANSMITTER | ADDR | RF SUPERVISORY DELAY TIME (Select timer delay from the table at right) |
|----------------------|--------------------|------|--|
| Type 0 | Window/Door, 2 Pt. | 2029 | |
| Type 1 | Window/Door, 2 Pt. | 2030 | |
| Type 2 | Window/Door, 2 Pt. | 2031 | |
| Type 3 | Window/Door, 2 Pt. | 2032 | |
| Type 4 | RESERVED | | |
| Type 5 | PIR | 2034 | |
| Type 6 | PIR | 2035 | |
| Type 7 | Smoke Detector | 2036 | |
| Type 8 | Smoke Detector | 2037 | |
| Type 9 | RESERVED | | |
| Type A | Dual Tech. | 2039 | |
| Type B | RESERVED | | |
| Type C | Window/Door, 4 Pt. | 2041 | |
| Type D | PIR | 2042 | |
| Type E | Smoke Detector | 2043 | |
| Type F | Napco Glass Break | 2044 | |

| RF SUPERVISORY TIMERS | |
|-----------------------|----------|
| DATA ENTRIES | DELAY |
| 3 | 90 min. |
| 4 | 120 min. |
| 5 | 150 min. |
| 6 | 180 min. |
| 7 | 210 min. |
| 8 | 240 min. |
| 9 | 270 min. |
| 0 | 300 min. |
| B | 330 min. |
| C | 360 min. |
| D | 390 min. |
| E | 420 min. |
| F | 450 min. |

[Default = blank (*) from address 2029-2044]. Default = 8 (240 minutes)

NOTE: These timers apply only to Supervised RF Transmitters (see "RF Transmitters" in Easy Menu Driven Program Mode).


CLEAR PROGRAM OPTIONS (ADDRESS 2285 & 2286)

2285 XX H

Clear Dealer Program (Erases Dealer Program)



This erases the dealer program. Use this feature to start a customized default program. Program Data and System Status Memory is erased where Scheduled Data and Zone Descriptions are maintained.

Access address 2285, then press . Data entry is not allowed.


NOTE: Enter Easy Menu Driven Program Mode to program system again.

2286 XX H

Cold Start (Erases Entire Program)



This erases the entire program including Dealer Program by erasing Program Data, Zone Description Data and System Status Data (similar to a new panel).

Access address 2286, then press . Data entry is not allowed.

NOTE: Some features (schedules) can only be programmed again with the Downloading Software. If power fails, time and date restarts at 00:00:00 and a date of 01-01-04 (January 1, 2004).

DEALER PROGRAM MODE OVERVIEW

| EASY MENU DRIVEN PROGRAM MODE |
|--------------------------------|
| #of Zns in Area1* |
| EZ Zone Doubling Enabled?* |
| Fire Zones* |
| 2-Wire Fire Zns* |
| Report All ZonesTo Central?* |
| Exit/Entry Zones* |
| Interior Zones* |
| 24 Hour Zones* |
| Chime Zones* |
| Chime 2 Zones* |
| Exit/Entry 2 Zones* |
| 50ms Loop Zones* |
| Aux Output Zones* |
| Sensor Watch Zns* |
| KP Sndr Alrm Zns* |
| Auto Byp REnt Zn |
| Enable No EOLR Zones* |
| Enable Telco Line Test?* |
| Enable Burg Out Chirp?* |
| Enable CP01 Programming?* |
| # Area 1 Keypads |
| Prog a Freedom KP? |
| Enter Freedom KeyPad # |
| Enter KeyPad PIR Zone # |
| Enter Door1 Zone # |
| Enter Door2 Zone # |
| Chime 1 Zone # |
| Chime 2 Zone # |
| Aux2 Zone # |
| Add Another Freedom Touch-pad? |
| Central Phone # |
| Central Station Account # |
| See WI for Info Rcvr Format |
| Enter user code |
| ZN# XMIT#+CS P |
| KF A XMIT#+CS OP |
| 01 <ZONE DESCRIPTIONS> |
| Enter Date |
| Enter Time |
| Dealer Code |
| Test Timer |

Dealer Program Mode comprises two operational states:

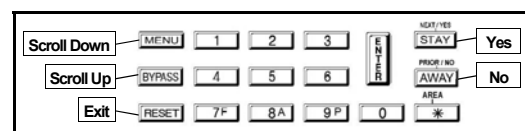
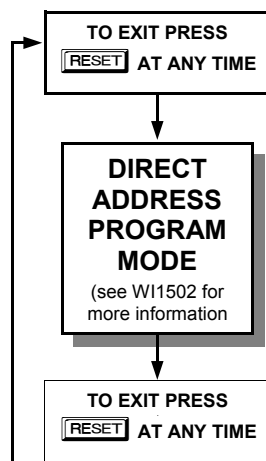
- **EASY MENU DRIVEN PROGRAM MODE** - Used with new "out of the box" panels (or "Cold Started" panels, see address 2286), this mode allows the dealer to customize the factory panel program to best suit the installation. The **Easy Menu-Driven Program Mode** is a menu-driven utility that prompts the installer to configure the system. Press **[RESET]** at any time to exit, thus entering **Direct Address Program Mode**, detailed below.
- **DIRECT ADDRESS PROGRAM MODE** - Additional programming changes, if necessary, can be made in the **Direct Address Program Mode**. In this mode, the programming address is accessed directly and re-configured by the installer. For more information, see "DEALER PROGRAM - PRELIMINARY INFORMATION" on page 5.

TYPICAL USER: Dealers / Installers only.

TYPICAL INTERFACE: An F-64PROG programmer.

HOW TO ENTER: Press the factory-installed default *Dealer Code*:

[4] [5] [6] [7F] [8A] [9P] [MENU]. Press **AWAY ("NO")** until "ACTIVATE PROGRAM Y/N" appears on LCD screen. Press **STAY ("YES")** to enter the **Easy Menu-Driven Program Mode**. See Programming Instructions (WI1502) for additional information regarding the **Easy Menu Driven Program Mode**.
To exit, press **[RESET]** to enter **Direct Address Program Mode** and press **[RESET]** once again to exit **Dealer Program Mode**.



For the F-64PROG Programmer

* **Initial Configuration Only** (new or memory cleared panel); suppressed thereafter. Normal entry mode for previously programmed panel starts at "# AREA 1 KEYPADS".

TOUCHPAD CONFIGURATION MODE

This section will focus on configuring the Freedom 64 Touchpad.

TOUCHPAD INSTALLATION

See WI1499 for complete Freedom F-64TP, F-LTRANS and F-TAB installation instructions (see list below for the instructions of other Touchpad types). Each Touchpad must be assigned an address number (1-7). Each Touchpad requires its own configuration procedure because all Touchpad Configuration Mode changes are retained within each individual Touchpad only (see CONFIGURING THE TOUCHPADS, below). At least one (1) Touchpad must be used; only one is required for a single-area Commercial Burglary installation. The F-64TP Touchpad is one of four Touchpad designs within the NAPCO Freedom 64 Home Protection System. The three other Touchpad designs include:

- **F-64TPG:** Garage Door Touchpad (See WI1508)
- **F-64TPBR:** Bedroom Touchpad (See WI1505)
- **F-64TP-H:** Hardwired Touchpad (See WI1532)

CONFIGURING THE TOUCHPADS

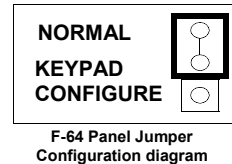
Touchpad Configuration Mode provides an exclusive set of menu options used to change the properties of each individual Touchpad to suit each installation.

- **TYPICAL USER:** Dealers and installers only.
- **TYPICAL INTERFACE:** Touchpad only.

Each **Freedom Touchpad** must be configured for the following items: *Keypad Beep, Entry Sounder, Backlight Follow PIR, Backlight Brightness, Ambush Interval, Ambush Sounder, Keypad Address, EZM Address, Zone Response, Tamper Detect, Disable PIR, Pre Away/Stay, Learn Primary, Learn Secondary (transmitters), Clear All Learned Transmitters, Display RF Strength and Display RF Noise.*

To enter the Touchpad Configuration Mode:

1. Move jumper JP1 (located in the center of the F-64 control panel board) from pins 1-2 (top two "NORMAL") to pins 2-3 (bottom two "KEYPAD CONFIGURE"). **NOTE:** See wiring diagram at the end of this manual and the jumper configuration diagram at right.
2. Press the **STAY, BYPASS** and **YES** buttons simultaneously. After a short delay, the display will read "OUT OF SYSTEM XX", where "XX" indicates the keypad address.
3. Press **MENU** for 2 seconds on the installed Touchpad to enter **Touchpad Configuration Mode** and proceed as follows. (Repeat the following procedure for all Touchpads in the system).



Once the **Touchpad Configuration Mode** is accessed, all messages will display in the order shown below.

| | |
|-------------|-----|
| KEYPAD BEEP | YES |
|-------------|-----|

Keypad Tactile Beep

Upon entering the Touchpad Configuration Mode, "KEYPAD BEEP YES" is displayed, indicating that the tactile beep, which sounds when any button is pressed, is on. To turn off the tactile beep, press the **NO** button; to turn on the tactile beep, press **YES**. Default is beep "ON". Press **MENU** to continue or press **RESET** to exit.

| | |
|---------------|-----|
| ENTRY SOUNDER | YES |
|---------------|-----|

Entry Sounder

To turn off the Touchpad entry sounder during entry time, press the **NO** button; to turn on the entry sounder, press **YES**. Default is sounder "ON". Press **MENU** to continue or press **RESET** to exit.

| | |
|----------------------|-----|
| BACKLIGHT FOLLOW PIR | YES |
|----------------------|-----|

Backlight Follow PIR

Turns Touchpad backlight on when person is detected in front of the Touchpad (default). To turn off this backlight, press **NO**; to turn on the backlight, press **YES**. Default is "ON". Press **MENU** to continue or press **RESET** to exit.

| | |
|----------------------|-----|
| BACKLIGHT BRIGHTNESS | LOW |
|----------------------|-----|

Backlight Brightness

To adjust the brightness of the LCD window, press **YES** to increase and **NO** to decrease. Selections are **LOW, MED** and **HIGH**. **Note:** Selections repeat if either the **YES** or **NO** buttons are pressed repeatedly. Default is "LOW". Press **MENU** to continue or press **RESET** to exit.

| | |
|-----------------|-----|
| AMBUSH INTERVAL | 000 |
|-----------------|-----|

Ambush Interval

Set the time interval (in seconds) during entry delay to simulate a need for a user to press **RESET** for two (2) seconds to silence sounder and send an Ambush signal. Press **ENTER** to move cursor to the left (press repeatedly to loop back), then press **YES** or **NO** to increment or decrement each digit. Default is "000" (not set). Also see next selection, *Ambush Sounder*. To enable Ambush, see address 1422 and 2045 in programming instructions (WI1502). Press **MENU** to continue or press **RESET** to exit.

| | |
|----------------|----|
| AMBUSH SOUNDER | NO |
|----------------|----|

Ambush Sounder

Optional Touchpad sounder during entry delay to simulate a need for a user to press **RESET** for 2 seconds to silence sounder and send AMBUSH signal. During this time interval the Touchpad will beep. To turn off the sounder, press the **NO** button; to turn on the sounder,

press **YES**. Default is "OFF". To enable AMBUSH, see address 1422 and 2045 in programming instructions (WI1502). Press **MENU** to continue or press **RESET** to exit.

| | |
|----------------|---|
| KEYPAD ADDRESS | 1 |
|----------------|---|

Keypad Address

If more than one Touchpad is installed, each must be assigned a unique Touchpad address—that is, no two Touchpads may be numbered alike. Touchpads must be numbered consecutively (missing numbers are not permitted).

To assign the Touchpad number, proceed as follows:

1. Press **YES** to increase and **NO** to decrease the assigned Touchpad number (valid entries are 1–7). **Note:** Default entry is "1". An entry of zero disables the Touchpad.
2. Press **MENU** to continue or press **RESET** to exit.

| | |
|-------------|----|
| EZM ADDRESS | 00 |
|-------------|----|

EZM Address

The Touchpad's internal EZM (Expansion Zone Module) may be utilized to provide four additional wired zones. Whether used alone or in conjunction with optional GEM-EZM series modules or other Touchpad EZMs, it must be assigned a unique address (or Group number) similar to its Touchpad address. If no other EZMs are to be used, designate the Touchpad as Group "01" at the "EZM ADDRESS 00" display. In multiple-EZM systems, enter an assigned group number "01" through "14". Each EZM must have a unique assigned Group number, starting with "01" and proceeding consecutively. Default is "00". Press **MENU** to continue or press **RESET** to exit.

| | |
|---------------|----|
| ZONE RESPONSE | 00 |
|---------------|----|

Zone Response

The normal (default) loop response of each Touchpad EZM expansion zone is 750mS. Changing this response time may be required when some devices require a faster loop response, such as *Glass Break* sensors, and thus 50ms can be programmed. Do not program in UL installations (UL requires 750ms be programmed). The response time of any zone can be reduced to 50mS as follows.

1. Of the following, circle the number(s) in parentheses associated with the zone(s) to be changed: Zone 1=(1); Zone 2=(2); Zone 3=(4); Zone 4=(8).
2. Add up the circled numbers.
3. At the Touchpad, enter the sum as a two-digit number "01" through "15" by pressing **YES** to increase and **NO** to decrease each digit. **Note:** Default entry is "00". Press **MENU** to continue or press **RESET** to exit.

Example: Change Zones 2, 3 and 4 to 50mS response.

1. Circle numbers for Zones 2, 3 and 4: Circle (2), circle (4) and circle (8).
2. Add up the circled numbers: 2 + 4 + 8 = 14.
3. Enter "14" at the Touchpad. Press **MENU** to continue or press **RESET** to exit.

| | |
|---------------|----|
| TAMPER DETECT | NO |
|---------------|----|

Tamper Detect

Enable or disable the monitoring of the Tamper switch located on the Touchpad circuit board. The tamper monitors both the front Touchpad case and the rear Touchpad mounting surface. If the front case is opened or if the Touchpad is removed from the wall, the tamper switch is activated (displays Keypad Tamper system trouble "E11-XX", where XX is the address of the keypad detected by the panel). To disable the Tamper switch, press the **NO** button; to enable, press **YES**. Default is "NO" (disabled). Press **MENU** to continue or press **RESET** to exit.

| | |
|-------------|----|
| DISABLE PIR | NO |
|-------------|----|

Disable PIR

If **YES** is pressed, will disable the PIR as an intrusion detection device. Press **NO** to enable PIR. Default is "NO" (enabled). Press **MENU** to continue or press **RESET** to exit.

Note: When enabled, the F-64TP Touchpad's integral PIR motion sensor includes two types of outputs, "Standard PIR" and "Person Present", as follows:

"Standard PIR Alarm"

The integral PIR acts as a standard PIR that generates an alarm if an intruder is detected while the system is armed in the AWAY mode. This PIR output is relatively slow-acting as compared with the "Person Present" output, detailed below.

"Person Present"

This fast-acting output protects the system from an intruder who may creep inside the premises and disengage the primary deadbolt (disarming the system) before being detected by the "Standard PIR". When armed AWAY, this hypersensitive "Person Present" output quickly de-

etects an intruder that the "Standard PIR" might otherwise be too slow to sense. Thus, while armed AWAY, an active "Person Present" output combined with a subsequent deadbolt disengagement will trigger an alarm sequence that is identical to a primary door "kick-in" sequence (the primary door opening without the disengagement of the deadbolt).

In addition, this same "Person Present" output is also used as an occupancy sensor to prevent the user from making errors during the critical exit and entry sequences. For example, if the homeowner presses AWAY, opens and closes the door and locks the deadbolt but does not exit the premises, the PIR will sense the User's presence in the home and will automatically default to STAY mode arming, thus preventing a false alarm.

Disabling the PIR via *Touchpad Configuration Mode* will only inhibit the "Standard PIR output, not the "Person Present" output. Therefore, if the integral PIR is disabled, it is recommended that additional perimeter protection be added to the system.

PRE-AWAY/STAY
060

Pre-AWAY / STAY

The **Pre-AWAY / STAY** period is the amount of time that the user has to complete the arming sequence. The arming sequence starts with pressing the **STAY** or **AWAY** buttons, and ends by closing the deadbolt. If the sequence is not completed, the system will remain in the previous state, or will be disarmed if a deadbolt is left open. Valid entries are 020 - 240 (seconds). Press **ENTER** to move cursor to the left (press repeatedly to loop back), then press **YES** or **NO** to increment or decrement each digit. Default is "060" (60 seconds). Press **MENU** to continue or press **RESET** to exit.

LEARN PRIMARY
Y/N

Learn Primary

Send command to the Touchpad's integral receiver module to learn the Primary transmitter ID. If **YES** is pressed, will display: PRESS/RELEASE TAMPER SWITCH. If learned successfully, displays: PRIMARY TXMIT LEARNED - SS###. If learned unsuccessfully, displays: LEARN FAILED TRY AGAIN? Y/N. See W11499 for full instructions for installing and learning transmitters. Not used with the F-64TP-H Hardwired Touchpad. Press **NO** or **MENU** to continue or press **RESET** to exit.

LEARN SECONDARY
Y/N

Learn Secondary

Send command to the Touchpad's integral receiver module to learn the Secondary ID. Be sure to install the shunt on the Secondary transmitter address jumper to ensure the transmitter is identified as the Secondary transmitter and not the Primary transmitter. Install a Secondary transmitter to protect a second door that will be used only for *entry* or to disarm when armed Stay. If **YES** is pressed, will display: PRESS/RELEASE TAMPER SWITCH. If learned successfully, displays: SECONDARY TXMIT LEARNED - SS###. If learned unsuccessfully, displays: LEARN FAILED TRY AGAIN? Y/N. See W11499 for full instructions for installing and learning transmitters. Not used with the F-64TP-H Hardwired Touchpad. Press **NO** or **MENU** to continue or press **RESET** to exit.

CLEAR ALL
LEARNED TXS Y/N

Clear All Learned TXS

Erase all learned transmitter ID's. If **YES** is pressed, displays: PLEASE WAIT. When complete displays: ALL TRANSMITTERS CLEARED. If unsuccessful, displays: XMITTER CLEAR FAILED TRY AGAIN?. See W11499 for full instructions for installing and learning transmitters. Not used with the F-64TP-H Hardwired Touchpad. Press **NO** or **MENU** to continue or press **RESET** to exit.

DISPLAY
RF SS Y/N

Display RF SS

Press **YES** to display the signal strength of the enrolled transmitters. See **Display RF Noise** option below. Press **NO** or **MENU** to continue or press **RESET** to exit.

DISPLAY
RF NOISE Y/N

Display RF Noise

Indicates the ambient radio frequency noise on each of the enrolled transmitter frequencies. Typical measurements are below 100. If this level is too close to the signal strength ("**Display RF SS**" above) recorded for the Secondary transmitter, an additional F-64TP may be required to be mounted near the Secondary transmitter. The **RF SS** should be at least 50 points higher than the **RF NOISE** level. Press **YES** to display. Press **NO** or **MENU** to continue or press **RESET** to exit.

To **exit** Touchpad Configuration Mode, press **RESET**.

TOUCHPAD MENU MODE

| ALL MESSAGES IN MENU | NOTES |
|-------------------------------|--|
| ENTER BYPASS MENU Y/N | When bypassing a zone, press BYPASS to enter this menu. |
| DISPLAY ZN DIRECTORY Y/N | Allows individual zones to be bypassed. Press Yes or No to scroll through zone list. |
| BYPASS OPEN ZONES? Y/N | Disables monitoring of all faulted zones EXCEPT the PRIMARY Touchpad door. |
| DISPLAY ZN BYPASSED Y/N | Scrolls list of bypassed zones (cannot unbypass from this selection). |
| ACTIVATE CHIME Y/N | When activated, this selection reads "DEACTIVATE CHIME Y/N". |
| CHANGE KEYPAD BEEP VOLUME Y/N | Selections are LOW (default), MED, MED-HIGH, HIGH, and OFF (tactile or entry warning only). |
| CHANGE VOICE VOLUME Y/N | Selections are LOW, MED, MED-HIGH (default), HIGH, OFF (voice prompt volume). |
| ACTIVATE SIREN TEST Y/N | Press YES to activate burg relay output for 2 seconds. |
| DISPLAY FIRE ALARM Y/N | Displays list of shorted fire zones only when a fire alarm is tripped. |
| DISPLAY FIRE TROUBLE Y/N | Displays list of opened fire zones only when a fire trouble (open on a fire zone) is detected. |
| ACTIVATE FAULT FIND Y/N | Activates <i>Fault Find</i> mode. The Master I-FOB MUST be inserted into the Touchpad for this menu item to appear. |
| RESET SYSTEM TBL Y/N | This message appears if a trouble is found. |
| ACTIVATE DIALER TEST Y/N | <i>Test Timer</i> must be programmed or this option will not appear. |
| ENTER LOG MENU Y/N | |
| DISPLAY ALARM LOG Y/N | Displays most recent alarm events. |
| DISPLAY TOTAL LOG Y/N | Displays most recent events of all types. |
| DISPLAY FIRE LOG Y/N | Displays most recent fire events. |
| DISPLAY SYSTEM LOG Y/N | Displays most recent system events. |
| ACTIVATE PROGRAM Y/N | Also called "User Program Mode". See Touchpad User Manual for more information. |
| CHANGE DATE Y/N | |
| CHANGE TIME Y/N | |
| ENROLL MASTER IFOB Y/N | The Master I-FOB is programmed at the factory to be the USER 01 ID code in all Areas. With the Master I-FOB, additional User I-FOB's may be created for any Areas. |
| ENROLL USER I-FOB Y/N | The Master I-FOB MUST be inserted into the Touchpad (when prompted) to allow the creation of a User I-FOB. |
| DELETE I-FOB Y/N | See Touchpad User Manual for more information. |
| ACTIVATE DOWNLOAD Y/N | Allows modem connection with PC Preset software. |
| ACTIVATE LOST KEY MODE Y/N | If the lost key mode is set to be ON , an I-FOB will be required to disarm the system when entering the through any monitored door. When activated, this selection reads "DEACTIVATE LOST KEY MODE Y/N", and "Lost Key Mode" appears in the LCD Window with the "System Ready" message. |
| ACTIVATE PIR TEST Y/N | The Master I-FOB MUST be inserted into the Touchpad for this menu item to appear. (Press MENU to skip to the top of the list). |

The Touchpad can provide access to a wide assortment of utility functions, each displayed on the Touchpad LCD window in a prompting "YES/NO" format. This Touchpad menu is not necessary for panel programming, but is included here for reference.

TYPICAL USER: Homeowner.

TYPICAL INTERFACE: Touchpad only.

HOW TO ENTER: At the installed Touchpad, insert the Master I-FOB and press **MENU** to enter. All messages in the **Touchpad Menu Mode** are listed below, but some messages may not appear in the Touchpad display unless a User or Master I-FOB is inserted in the Touchpad; if the required condition is not present; or if the F-64 control panel is configured in such a way as to remove the message from this Menu. For example, "DISPLAY ZN FAULTS Y/N" will only display if zones are faulted. With each message, press **YES** to proceed with the change or **NO** to skip to the next selection. **Note:** Highlighted messages are sub-menu selections.

EASY MENU PROGRAMMING WORKSHEET - 2 OF 4

RF Transmitter Points:

| XMTR # | ZONE # | RF ID (printed on xmtr box) | | | | CHECK SUM | POINT # |
|--------|--------|--------------------------------|--|--|--|-----------|---------|
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |

| XMTR # | ZONE # | RF ID (printed on xmtr box) | | | | CHECK SUM | POINT # |
|--------|--------|--------------------------------|--|--|--|-----------|---------|
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |
| 21 | | | | | | | |
| 22 | | | | | | | |
| 23 | | | | | | | |
| 24 | | | | | | | |
| 25 | | | | | | | |
| 26 | | | | | | | |
| 27 | | | | | | | |
| 28 | | | | | | | |
| 29 | | | | | | | |
| 30 | | | | | | | |
| 31 | | | | | | | |
| 32 | | | | | | | |

| XMTR # | ZONE # | RF ID (printed on xmtr box) | | | | CHECK SUM | POINT # |
|--------|--------|--------------------------------|--|--|--|-----------|---------|
| 33 | | | | | | | |
| 34 | | | | | | | |
| 35 | | | | | | | |
| 36 | | | | | | | |
| 37 | | | | | | | |
| 38 | | | | | | | |
| 39 | | | | | | | |
| 40 | | | | | | | |
| 41 | | | | | | | |
| 42 | | | | | | | |
| 43 | | | | | | | |
| 44 | | | | | | | |
| 45 | | | | | | | |
| 46 | | | | | | | |
| 47 | | | | | | | |
| 48 | | | | | | | |

| XMTR # | ZONE # | RF ID (printed on xmtr box) | | | | CHECK SUM | POINT # |
|--------|--------|--------------------------------|--|--|--|-----------|---------|
| 49 | | | | | | | |
| 50 | | | | | | | |
| 51 | | | | | | | |
| 52 | | | | | | | |
| 53 | | | | | | | |
| 54 | | | | | | | |
| 55 | | | | | | | |
| 56 | | | | | | | |
| 57 | | | | | | | |
| 58 | | | | | | | |
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Keyfob Transmitters:

| KEYFOB # | Area | RF ID (printed on xmtr box) | | | | CHECK SUM | OPTION 1 | OPTION 2 |
|----------|------|--------------------------------|--|--|--|-----------|----------|----------|
| 1 | | | | | | | | |
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EASY MENU PROGRAMMING WORKSHEET - 3 OF 4

Zone Descriptions 1-32

| ZN # | CHARACTERS AVAILABLE (See below) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|----------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Characters Available for Zone Descriptions
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Dealer Code:

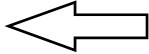
For Zones 33-64,
 see next page


EASY MENU PROGRAMMING WORKSHEET - 4 OF 4

Zone Descriptions 33-64

| ZN # | CHARACTERS AVAILABLE (See below) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Characters Available for Zone Descriptions
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 A B C D E F G H I J K L M N O P Q R S T U V W X Y

For Zones 1-32,
 see previous
 page

Dealer Code:



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